



ICP Test Report Certification Packet

Company name: Littelfuse, Inc.

Product Series: Power-T Class Fuse

Product #: JLLS SERIES

Issue Date: August 23, 2010

It is hereby certified by Littelfuse, Inc. that there is neither RoHS (EU Directive 2002/95/EC)-restricted substance nor such use, for materials to be used for unit parts, for packing/packaging materials, and for additives and the like in the manufacturing processes. In addition, it is hereby reported to you that the parts and sub-materials, the materials to be used for unit parts, the packing/packaging materials, and the additives and the like in the manufacturing processes, are all composed of the following components.

A handwritten signature in black ink, appearing to read "Jenny S. Douglas".

Issued by: _____
<Global EHS Coordinator>

(1) Parts, sub-materials and unit parts

This document covers the Power-T Class Fuse RoHS-Compliant series products manufactured by Littelfuse, Inc.

< Raw Materials Used
Please see Table 1

(2) The ICP data on all measurable substances

Please see appropriate pages as identified in Table 1

| |
|--|
| Remarks : Remarks : Only 25 and 30 Amperages are RoHS compliant. |
|--|

Table 1: List of Raw Materials covered by this report

| Total Parts | Raw Material Part Number | Raw Material Description | Page(s) |
|--------------------|---------------------------------|-------------------------------------|----------------|
| 1 | 425723 | Ribbon | 3-13 |
| 2 | 927-027 | Solder Pellet | 14-29 |
| 3 | 090190 | Filler | 14-29 |
| 4 | 914-572 | Label | 30-36 |
| 5 | 685xxx | Element – Pure Ag (685120) | 37-50 |
| 6 | 927-296 | Solder Preform | 37-50 |
| 7 | 882-532 | Brass Disc | 51-53 |
| 8 | 087284 | RTV | 54-70 |
| 9 | 911-039-102 | Cap and Blade Assembly | 71-78 |
| 10 | 911-039A | Cap | 79-83 |
| 11 | 039145 | Body | 84-91 |
| 12 | 687xxx | Element – Ag Cu Alloy 50% Ag 50% Cu | 92-96 |
| 13 | 082363 | Element – 5% by weight Ag Clad Cu | 96-103 |

RESULTS REPORT

INTERTEK TESTING SERVICES

DE MEXICO SA DE CV

LABORATORIO CD. DE MEXICO

DELIVER TO:

Littelfuse, S.A. de C.V.

Blvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38,
Piedras Negras, Coahuila

ATTENTION: Ing. Mario Falcón / Ing. Manuel Berain

TEST REPORT**APPLICANT**

Littelfuse, S.A. de C.V.

Blvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38, Piedras Negras, Coahuila

Ing. Mario Falcón / Ing. Manuel Berain

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be :

Sample Description

Serie FLA

1) N.P. 927-135

2) N.P. 876-059

3) N.P. 912-299

4) N.P. 927-127

5) N.P. 912-288

6) N.P. 923-045

7) N.P. 927-226

Item No.

8) N.P. 001187

9) N.P. 899-399

10) N.P. 909-569

11) N.P. 425723/425721

12) 901-244A

13) 838109

14) 890183

Country of Origin NP

Buyer's Name NP

Supplier's Name NP

Date sample received 2010-07-21

Testing period 2010-07-26 to 2010-08-03

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

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The results that appear in this report belong solely to (s) shows (s) analyzed (s).

1ª. Emisión Junio 2005, 1ª Revisión Junio 26, 2009.

ILTA/003/GENS-F8

Intertek Testina Services de México, S.A. de C.V.

CONCLUSION

| <u>Samples number</u> | <u>Testing item</u> | <u>Conclusion</u> | <u>Failed component</u> | <u>Failed result</u> |
|-----------------------|---------------------|---------------------------------------|-------------------------|------------------------|
| 1 | N.P. 927-135 | Fail See Result summary | Cadmium Lead | 169599,52 90248,116 |
| 2 | N.P. 876-059 | Fail See Result summary | Lead | 24218,116 |
| 3 | N.P. 912-299 | Pass See Result summary | --- | --- |
| 4 | N.P. 927-127 | Fail See Result summary | Cadmium Lead | 168999,52 88878,116 |
| 5 | N.P. 912-288 | Pass See Result summary | --- | --- |
| 6 | N.P. 923-045 | Pass See Result summary | --- | --- |
| 7 | N.P. 927-226 | Pass See Result summary | --- | --- |
| 8 | N.P. 001187 | Pass See Result summary | --- | --- |
| 9 (a) Plastic | N.P. 899-399 | Pass See Result summary | --- | --- |
| 9 (b) Metallic | N.P. 899-399 | Fail See Result summary | Cadmium Lead | 5953,0 15417,0 |
| 10 | N.P. 909-569 | Pass See Result summary | --- | --- |
| 11 | N.P. 425723/425721 | Pass See Result summary | --- | --- |
| 12 | 901-244A | Pass See Result summary | --- | --- |
| 13 | 838109 | Pass See Result summary | --- | --- |
| 14 | 890183 | Pass See Result summary | --- | --- |

TEST CONDUCTED

Samples:

- 1) N.P. 927-135
- 2) N.P. 876-059
- 3) N.P. 912-299
- 4) N.P. 927-127

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|-----------------------------------|----------------|-----------|--------|-----------|-----------------|
| | (1) | (2) | (3) | (4) | |
| Cadmium (Cd) content | 169599,52 | 7,005 | 49,072 | 168999,52 | 0,01% (100 ppm) |
| Lead (Pb) content | 90248,116 | 24218,116 | ND | 88878,116 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

Samples:

- 5) N.P. 912-288
- 6) N.P. 923-045
- 7) N.P. 927-226
- 8) N.P. 001187

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|-----------------------------------|----------------|--------|---------|-----|-----------------|
| | (5) | (6) | (7) | (8) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | 70,406 | 134,216 | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

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The results that appear in this report belong solely to (s) shows (s) analyzed (s).

1ª. Emisión Junio 2005, 1ª Revisión Junio 26, 2009.

ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

TEST CONDUCTED

Samples:

9) N.P. 899-399

10) N.P. 909-569

11) N.P. 425723/425721

12) 901-244A

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | | Limit |
|---|-----------------------|-----------------|------|--------|-------|-----------------|
| | (9) Plastic | (9) Metallic | (10) | (11) | (12) | |
| Cadmium (Cd) content | 96,26 | 5953,0 | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 20,98 | 15417,0 | ND | ND | 5,593 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,2875 | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) Total | --- | --- | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | --- | --- | ND | ND | ND | --- |
| Dibromobiphenyl (DiBB) | --- | --- | ND | ND | ND | --- |
| Tribromobiphenyl (TriBB) | --- | --- | ND | ND | ND | --- |
| Tetrabromobiphenyl (TetraBB) | --- | --- | ND | ND | ND | --- |
| Pentabromobiphenyl (PentaBB) | --- | --- | ND | ND | ND | --- |
| Hexabromobiphenyl (HexaBB) | --- | --- | ND | ND | ND | --- |
| Heptabromobiphenyl (HeptaBB) | --- | --- | ND | ND | ND | --- |
| Octabromobiphenyl (OctaBB) | --- | --- | ND | ND | ND | --- |
| Nonabromobiphenyl (NonaBB) | --- | --- | ND | ND | ND | --- |
| Decabromobiphenyl (DecaBB) | --- | --- | ND | ND | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) Total | --- | --- | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | --- | --- | ND | ND | ND | --- |
| Dibromodiphenyl (DiBDE) | --- | --- | 24,0 | 19,0 | 13,0 | --- |
| Tribromodiphenyl (TriBDE) | --- | --- | ND | ND | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | --- | --- | ND | ND | ND | --- |
| Pentabromodiphenyl (PentaBDE) | --- | --- | ND | ND | ND | --- |
| Hexabromodiphenyl (HexaBDE) | --- | --- | ND | ND | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | --- | --- | ND | ND | ND | --- |
| Octabromodiphenyl (OctaBDE) | --- | --- | ND | ND | ND | --- |
| Nonabromodiphenyl (NonaBDE) | --- | --- | ND | ND | ND | --- |
| Decabromodiphenyl (DecaBDE) | --- | --- | ND | ND | ND | --- |

TEST CONDUCTED

Samples:

13) 838109

14) 890183

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | <u>Limit</u> |
|-----------------------------------|-----------------------|-------------|-----------------|
| | (13) | (14) | |
| Cadmium (Cd) content | ND | 3,309 | 0,01% (100 ppm) |
| Lead (Pb) content | ND | 24,24 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | 0,1% (1000 ppm) |

ppm = parts per million based on dry weight of sample.

µg/cm² = microgram per square centimeter.mg/kg WITH 50cm² = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

These Accreditations only apply for the methods listed in such. Not accredited under EMA Ω.

Prepared and checked by :

For Intertek

Laboratory Manager

The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).

NOTE :DecaBDE IN POLYMERIC APPLICATIONS IS EXEMPTED ACCORDING TO
ROHS DIRECTIVE AMENDMENT 2005/717/EC.

=ACCORDING TO IEC 62321, A POSITIVE RESULT INDICATES THE PRESENCE OF
Cr(VI) COATING. IT IS THE Cr(VI) CONCENTRATION DETECTED IN THE
BOILING-WATER-EXTRACTION SOLUTION AND SHOULD NOT BE INTERPRETED AS
THE Cr(VI) CONCENTRATION IN THE COATING LAYER OF THE SAMPLE.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-1 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-2 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-3 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-4 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-5 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-6 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-7 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-8 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-9 WERE TESTED SEPARATELY.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-10 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-11 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-12 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-13 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
TESTED COMPONENTS OF THE SAMPLE MX10-1566-14 WERE TESTED TOGETHER.

Test method :

| Samples number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|--------------------------------------|--|--|--------------------------|--------------|---------------------|
| 1 a 14 | Chromium (Cr ⁶⁺) content | VI With reference to USEPA 3060, by EPA 7196 | QHU2009-3p134,135 QHU2009-3p154,155 | 2010-07-26 2010-08-03 | JLHS | 2,0 |

| Samples number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|---|----------------------|------------------------|----------------|--------------|---------------------|
| 10,11,12 | POLYBROMINATE D BIPHENYLS (PBBs) | Determined by GC-MSD | 2010-004596-P CL | 2010-07-28 | ▲ CONT | 50,0 |
| 10,11,12 | POLYBROMINATE D DIPHENYL ETHERS (PBDEs) | Determined by GC-MSD | 2010-004596-P CL | 2010-07-28 | ▲ CONT | 50,0 |

| Samples number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|-------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 2 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 3 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 4 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 5 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 6 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 7 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 8 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 5,0 |
| 9(a) | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p20 | 2010-07-30 | DCL,JMR | 5,0 |
| 9(b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p20 | 2010-07-30 | DCL,JMR | 5,0 |
| 10 | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p16 | 2010-07-28 | DCL,JMR | 5,0 |
| 11 | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p16 | 2010-07-28 | DCL,JMR | 5,0 |
| 12 | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p16 | 2010-07-28 | DCL,JMR | 5,0 |
| 13 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p17 | 2010-07-28 | DCL,JMR | 5,0 |
| 14 | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p18 | 2010-07-30 | DCL,JMR | 5,0 |

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The results that appear in this report belong solely to (s) shows (s) analyzed (s).

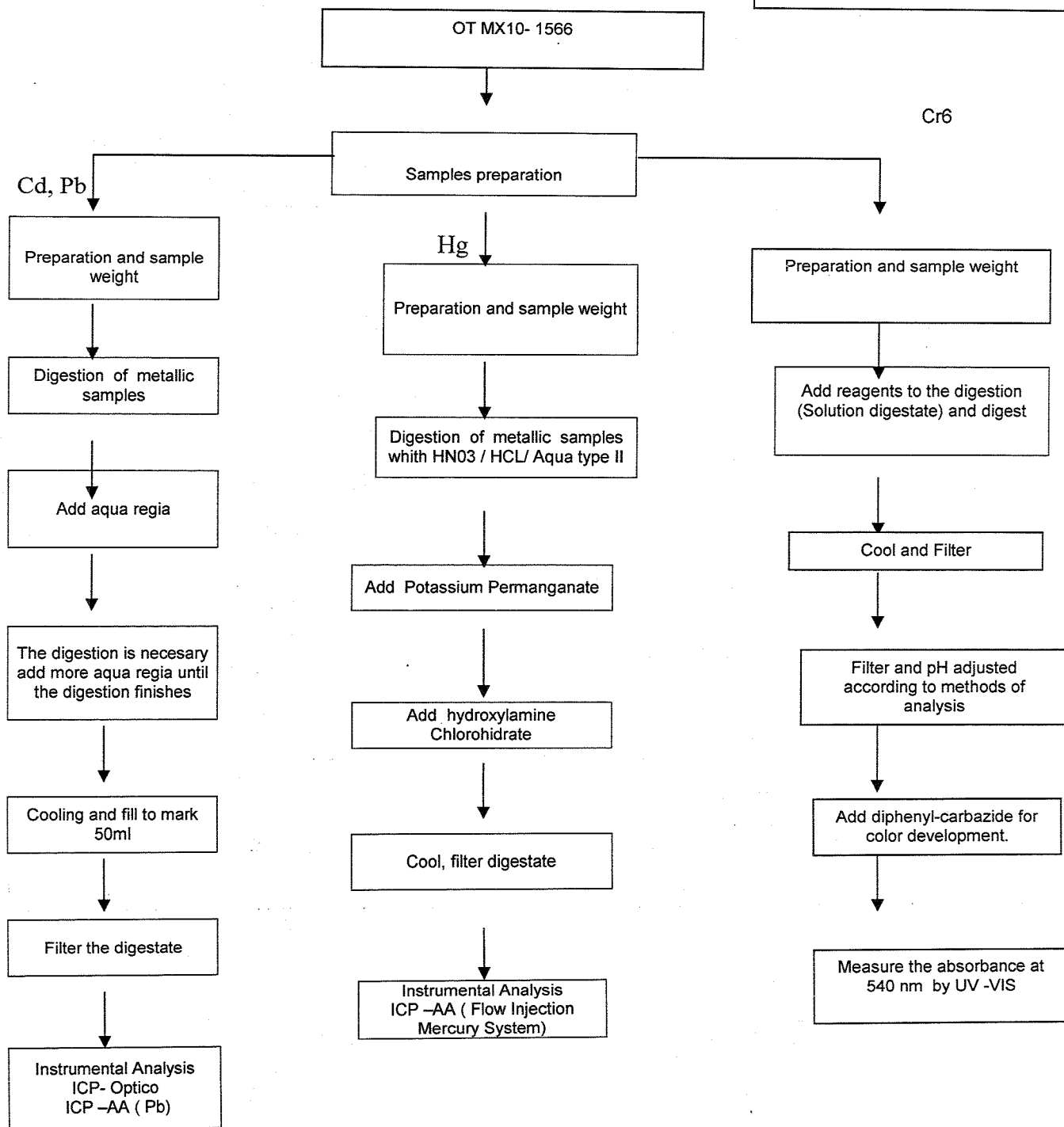
1°. Emisión Junio 2005, 1° Revisión Junio 26, 2009.

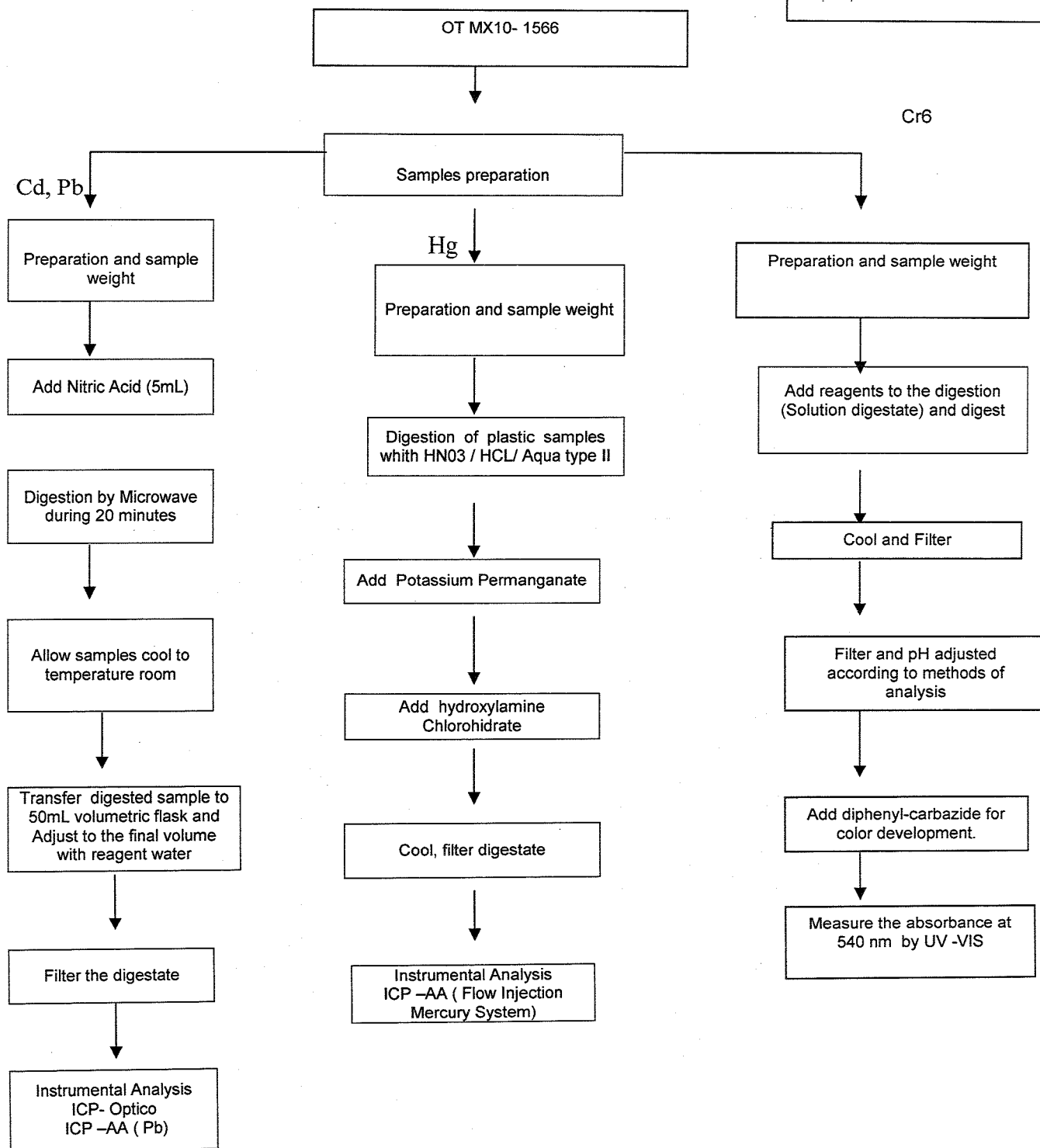
ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

| <u>Samples number</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|-----------------------|----------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 1 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 2 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 3 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 4 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 5 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 6 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 7 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 8 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p14 | 2010-07-28 | DCL,JMR | 2,0 |
| 9(a) | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p20 | 2010-07-30 | DCL,JMR | 2,0 |
| 9(b) | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p20 | 2010-07-30 | DCL,JMR | 2,0 |
| 10 | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p16 | 2010-07-28 | DCL,JMR | 2,0 |
| 11 | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p16 | 2010-07-28 | DCL,JMR | 2,0 |
| 12 | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p16 | 2010-07-28 | DCL,JMR | 2,0 |
| 13 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p17 | 2010-07-28 | DCL,JMR | 2,0 |
| 14 | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p18 | 2010-07-30 | DCL,JMR | 2,0 |

| <u>Samples number</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|-----------------------|----------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 1 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 2 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 3 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 4 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 5 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 6 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 7 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 8 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p23 | 2010-07-28 | JAPM | 0,083 |
| 9 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p24,25 | 2010-07-28 | JAPM | 0,083 |
| 10 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p25 | 2010-07-28 | JAPM | 0,083 |
| 11 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p25 | 2010-07-28 | JAPM | 0,083 |
| 12 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p25 | 2010-07-28 | JAPM | 0,083 |
| 13 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p26 | 2010-07-28 | JAPM | 0,083 |
| 14 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-32p27 | 2010-07-28 | JAPM | 0,083 |





RESULTS REPORT
INTERTEK TESTING SERVICES
DE MEXICO SA DE CV
LABORATORIO CD. DE MEXICO

DELIVER TO:

Littelfuse, S.A. de C.V.
Blvd. Fausto Z. Mtz. 1800, Col. Magisterio Sección 38, Piedras
Negras, Coahuila, 26070

ATTENTION: Ing. Mario Falcón

TEST REPORT

APPLICANT

Littelfuse, S.A. de C.V.
Bvd. Fausto Z. Mtz. 1800, Col. Magisterio Sección 38, Piedras Negras, Coahuila, 26070
Ing. Mario Falcón

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be :

| Sample Description | NP |
|--------------------|---|
| | 1) No. Parte 084215 Serie 155 |
| | 2) No. Parte 878-112 Serie 150 |
| | 3) No. Parte 878-114 Serie 150 |
| | 4) No. Parte 084113 Serie 155 |
| | 5) No. Parte 01500284Z Serie FHM and 153 |
| | 6) No. Parte 878-113 Serie 155 |
| | 7) No. Parte L600601C Descrip: ACS 600V Class |
| | 8) No. Parte 155004-4 Serie 155XXX2XA |
| | 9) L60060C |
| | 10) No. Parte 909-410 Serie FLM |
| | 11) No. Parte 927-292 Serie TLS/KLKR |
| | 12) No. Parte 079040 Serie FLM |
| Item No. | 13) No. Parte 01000054Z Serie 100 |
| | 14) No. Parte 01000057Z Serie 100 |
| | 15) No. Parte 927-027 Serie FLM/KLKR |
| | 16) No. Parte 155004-3 Serie 155 XXXX2XA |
| | 17) No. Parte 01000058Z Serie 100 |
| | 18) No. Parte 079055 Serie BLN |
| | 19) No. Parte 923-089 Serie CCMR/KLKR/FLQSLC |
| | 20) No. Parte 01000056Z Serie 100 |
| | 21) No. Parte 087244 Serie CCMP,FLQ,KLDR |
| | 22) No. Parte 087293 Serie FLQ |
| | 23) No. Parte 090190 Serie KLKR/FLQ/APT |

Country of Origin NP
Buyer's Name NP
Supplier's Name NP
Date sample received 2010-04-13
Testing period 2010-04-19 to 2009-05-22

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| | Testing item | Conclusion | Failed component | Failed result |
|---------------------------------|---|------------------------------|------------------|---------------|
| 1 | No. Parte 084215 Serie 155 | Pass See Result summary | --- | --- |
| 2 | No. Parte 878-112 Serie 150 | Pass See Result summary | --- | --- |
| 3 | No. Parte 878-114 Serie 150 | Pass See Result summary | --- | --- |
| 4 | No. Parte 084113 Serie 155 | Pass See Result summary | --- | --- |
| 5 | No. Parte 01500284Z Serie FHM and 153 | Pass See Result summary | --- | --- |
| 6 | No. Parte 878-113 Serie 155 | Pass See Result summary | --- | --- |
| 7 (a), (b), (c), (e), (f) | No. Parte L600601C Descrip: ACS 600V Class | Pass See Result summary | --- | --- |
| (7d) | III tornillo 2c (tornillo grueso metálico con aluminio | Failed See Result summary | Lead | 2 897 mg/kg |
| 8 | No. Parte 155004-4 Serie 155XXX2XA | Pass See Result summary | --- | --- |
| 9 | L60060C | Pass See Result summary | --- | --- |
| 10 | No. Parte 909-410 Serie FLM | Pass See Result summary | --- | --- |
| 11 | No. Parte 927-292 Serie TLS/KLKR | Pass See Result summary | --- | --- |
| 12 | No. Parte 079040 Serie FLM | Pass See Result summary | --- | --- |
| 13 | No. Parte 01000054Z Serie 100 | Pass See Result summary | --- | --- |
| 14 | No. Parte 01000057Z Serie 100 | Pass See Result summary | --- | --- |
| 15 | No. Parte 927-027 Serie FLM/KLKR | Pass See Result summary | --- | --- |

CONCLUSION

| | Testing item | Conclusion | Failed component | Failed result |
|----|---|----------------------------|------------------|---------------|
| 16 | No. Parte 155004-3 Serie 155 XXXX2XA | Pass See Result summary | --- | --- |
| 17 | No. Parte 01000058Z Serie 100 | Pass See Result summary | --- | --- |
| 18 | No. Parte 079055 Serie BLN | Pass See Result summary | --- | --- |
| 19 | No. Parte 923-089 Serie CCMR/KLKR/FLQSLC | Pass See Result summary | --- | --- |
| 20 | No. Parte 01000056Z Serie 100 | Pass See Result summary | --- | --- |
| 21 | No. Parte 087244 Serie CCMP,FLQ,KLDR | Pass See Result summary | --- | --- |
| 22 | No. Parte 087293 Serie FLQ | Pass See Result summary | --- | --- |
| 23 | No. Parte 090190 Serie KLKR/FLQ/APT | Pass See Result summary | --- | --- |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 1) No. Parte 084215 Serie 155
- 2) No. Parte 878-112 Serie 150
- 3) No. Parte 878-114 Serie 150

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | | | Limit |
|---|----------------|-------|-----------|-------|-----------|--------|-----------------|
| | (1a) | (1b) | (2a) | (2b) | (3a) | (3b) | |
| | Insulator | metal | Insulator | metal | Insulator | metal | |
| Cadmium (Cd) content | ND | ND | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | 8,402 | ND | 9,026 | ND | 9,094 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | ND | 0,2594 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | 2,080 | 2,080 | 2,356 | 2,208 | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | ND | --- | ND | --- | ND | --- | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | --- | ND | --- | ND | --- | --- |
| Dibromobiphenyl (DiBB) | ND | --- | ND | --- | ND | --- | --- |
| Tribromobiphenyl (TriBB) | ND | --- | ND | --- | ND | --- | --- |
| Tetrabromobiphenyl (TetraBB) | ND | --- | ND | --- | ND | --- | --- |
| Pentabromobiphenyl (PentaBB) | ND | --- | ND | --- | ND | --- | --- |
| Hexabromobiphenyl (HexaBB) | ND | --- | ND | --- | ND | --- | --- |
| Heptabromobiphenyl (HeptaBB) | ND | --- | ND | --- | ND | --- | --- |
| Octabromobiphenyl (OctaBB) | ND | --- | ND | --- | ND | --- | --- |
| Nonabromobiphenyl (NonaBB) | ND | --- | ND | --- | ND | --- | --- |
| Decabromobiphenyl (DecaBB) | ND | --- | ND | --- | ND | --- | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | ND | --- | ND | --- | ND | --- | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | --- | ND | --- | ND | --- | --- |
| Dibromodiphenyl (DiBDE) | ND | --- | ND | --- | ND | --- | --- |
| Tribromodiphenyl (TriBDE) | ND | --- | ND | --- | ND | --- | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | --- | ND | --- | ND | --- | --- |
| Pentabromodiphenyl (PentaBDE) | ND | --- | ND | --- | ND | --- | --- |
| Hexabromodiphenyl (HexaBDE) | ND | --- | ND | --- | ND | --- | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | --- | ND | --- | ND | --- | --- |
| Octabromodiphenyl (OctaBDE) | ND | --- | ND | --- | ND | --- | --- |
| Nonabromodiphenyl (NonaBDE) | ND | --- | ND | --- | ND | --- | --- |
| Decabromodiphenyl (DecaBDE) | ND | --- | ND | --- | ND | --- | --- |

TEST CONDUCTED

One (1) group of submitted samples said to be :

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- 4) No. Parte 084113 Serie 155
- 5) No. Parte 01500284Z Serie FHM and 153
- 6) No. Parte 878-113 Serie 155

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | | | | | Limit |
|---|-----------------------|-------|------------------------------|--------------------------|--------------------------------|---|-----------|-------|-----------------|
| | (4a) | (4b) | (5a) ** | (5b) | (5c) ** | (5d) | (6a) | (6b) | |
| | Insulator | metal | Insulator (Black plastic) | Wire (wire of copper) | Insulator (Black insulator) | Wire (metal part of the copper fuse) | Insulator | metal | |
| Cadmium (Cd) content | ND | ND | ND | ND | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | 9,571 | ND | 8,970 | ND | 21,61 | ND | 9,199 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | 2,182 | ND | ND | ND (&) | ND | ND (&) | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | ND | --- | ND ** | | | | ND | --- | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | --- | ND | | | | ND | --- | --- |
| Dibromobiphenyl (DiBB) | ND | --- | ND | | | | ND | --- | --- |
| Tribromobiphenyl (TriBB) | ND | --- | ND | | | | ND | --- | --- |
| Tetrabromobiphenyl (TetraBB) | ND | --- | ND | | | | ND | --- | --- |
| Pentabromobiphenyl (PentaBB) | ND | --- | ND | | | | ND | --- | --- |
| Hexabromobiphenyl (HexaBB) | ND | --- | ND | | | | ND | --- | --- |
| Heptabromobiphenyl (HeptaBB) | ND | --- | ND | | | | ND | --- | --- |
| Octabromobiphenyl (OctaBB) | ND | --- | ND | | | | ND | --- | --- |
| Nonabromobiphenyl (NonaBB) | ND | --- | ND | | | | ND | --- | --- |
| Decabromobiphenyl (DecaBB) | ND | --- | ND | | | | ND | --- | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | ND | --- | ND | | | | ND | --- | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | --- | ND | | | | ND | --- | --- |
| Dibromodiphenyl (DiBDE) | ND | --- | ND | | | | ND | --- | --- |
| Tribromodiphenyl (TriBDE) | ND | --- | ND | | | | ND | --- | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | --- | ND | | | | ND | --- | --- |
| Pentabromodiphenyl (PentaBDE) | ND | --- | ND | | | | ND | --- | --- |
| Hexabromodiphenyl (HexaBDE) | ND | --- | ND | | | | ND | --- | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | --- | ND | | | | ND | --- | --- |
| Octabromodiphenyl (OctaBDE) | ND | --- | ND | | | | ND | --- | --- |
| Nonabromodiphenyl (NonaBDE) | ND | --- | ND | | | | ND | --- | --- |
| Decabromodiphenyl (DecaBDE) | ND | --- | ND | | | | ND | --- | --- |

(&) NOTE: Composite sample was analyzed.

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 7) No. Parte L600601C Descrip: ACS 600V Class

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TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | | | Limit |
|---|------------------------|-------------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------|-----------------|
| | (7a) | (7b) | (7c) | (7d) | (7e) | (7f) | |
| | Metal e (silver metal) | I metal b (silver-blue metal) | II Screw (small screw, silver metal) | III Screw (thickness screw metal) | IV Cube Metallic with aluminum) | Frame plastic | |
| Cadmium (Cd) content | ND | 50,755 | 47,833 | ND | ND | ND | 0.01% (100 ppm) |
| Lead (Pb) content | 18,22 | ND | 8,91 | 2897 | 8,363 | ND | 0.1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | ND | ND | 0.1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND (&) | | | | | ND | 0.1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | --- | --- | --- | --- | --- | ND | 0.1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | --- | --- | --- | --- | --- | ND | --- |
| Dibromobiphenyl (DiBB) | --- | --- | --- | --- | --- | ND | --- |
| Tribromobiphenyl (TriBB) | --- | --- | --- | --- | --- | ND | --- |
| Tetrabromobiphenyl (TetraBB) | --- | --- | --- | --- | --- | ND | --- |
| Pentabromobiphenyl (PentaBB) | --- | --- | --- | --- | --- | ND | --- |
| Hexabromobiphenyl (HexaBB) | --- | --- | --- | --- | --- | ND | --- |
| Heptabromobiphenyl (HeptaBB) | --- | --- | --- | --- | --- | ND | --- |
| Octabromobiphenyl (OctaBB) | --- | --- | --- | --- | --- | ND | --- |
| Nonabromobiphenyl (NonaBB) | --- | --- | --- | --- | --- | ND | --- |
| Decabromobiphenyl (DecaBB) | --- | --- | --- | --- | --- | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | --- | --- | --- | --- | --- | ND | 0.1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | --- | --- | --- | --- | --- | ND | --- |
| Dibromodiphenyl (DiBDE) | --- | --- | --- | --- | --- | ND | --- |
| Tribromodiphenyl (TriBDE) | --- | --- | --- | --- | --- | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | --- | --- | --- | --- | --- | ND | --- |
| Pentabromodiphenyl (PentaBDE) | --- | --- | --- | --- | --- | ND | --- |
| Hexabromodiphenyl (HexaBDE) | --- | --- | --- | --- | --- | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | --- | --- | --- | --- | --- | ND | --- |
| Octabromodiphenyl (OctaBDE) | --- | --- | --- | --- | --- | ND | --- |
| Nonabromodiphenyl (NonaBDE) | --- | --- | --- | --- | --- | ND | --- |
| Decabromodiphenyl (DecaBDE) | --- | --- | --- | --- | --- | ND | --- |

(&) NOTE: Composite sample was analyzed.

TEST CONDUCTED

One (1) group of submitted samples said to be :

8) No. Parte 155004-4 Serie 155XXXX2XA

9) L60060C

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10) No. Parte 909-410 Serie FLM

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit |
|---|-----------------------|-----|------|-----------------|
| | (8) | (9) | (10) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | ND | ND | --- |
| Dibromobiphenyl (DiBB) | ND | ND | ND | --- |
| Tribromobiphenyl (TriBB) | ND | ND | ND | --- |
| Tetrabromobiphenyl (TetraBB) | ND | ND | ND | --- |
| Pentabromobiphenyl (PentaBB) | ND | ND | ND | --- |
| Hexabromobiphenyl (HexaBB) | ND | ND | ND | --- |
| Heptabromobiphenyl (HeptaBB) | ND | ND | ND | --- |
| Octabromobiphenyl (OctaBB) | ND | ND | ND | --- |
| Nonabromobiphenyl (NonaBB) | ND | ND | ND | --- |
| Decabromobiphenyl (DecaBB) | ND | ND | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | ND | ND | --- |
| Dibromodiphenyl (DiBDE) | ND | ND | ND | --- |
| Tribromodiphenyl (TriBDE) | ND | ND | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | ND | ND | --- |
| Pentabromodiphenyl (PentaBDE) | ND | ND | ND | --- |
| Hexabromodiphenyl (HexaBDE) | ND | ND | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | ND | ND | --- |
| Octabromodiphenyl (OctaBDE) | ND | ND | ND | --- |
| Nonabromodiphenyl (NonaBDE) | ND | ND | ND | --- |
| Decabromodiphenyl (DecaBDE) | ND | ND | ND | --- |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 11) No. Parte 927-292 Serie TLS/KLKR
- 12) No. Parte 079040 Serie FLM

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- 13) No. Parte 01000054Z Serie 100
14) No. Parte 01000057Z Serie 100
15) No. Parte 927-027 Serie FLM/KLKR

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | | Limit |
|-----------------------------------|----------------|-------|-------|-------|-------|-----------------|
| | (11) | (12) | (13) | (14) | (15) | |
| Cadmium (Cd) content | ND | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 190,0 | 14,33 | 88,29 | 24,26 | 175,2 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 16) No. Parte 155004-3 Serie 155 XXXX2XA
17) No. Parte 01000058Z Serie 100
18) No. Parte 079055 Serie BLN
19) No. Parte 923-089 Serie CCMR/KLKR/FLQSLC
20) No. Parte 01000056Z Serie 100

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | | Limit |
|-----------------------------------|----------------|-------|-------|------|-------|-----------------|
| | (16) | (17) | (18) | (19) | (20) | |
| Cadmium (Cd) content | 49,54 | ND | ND | 5,39 | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 9,47 | 54,47 | 31,62 | 3149 | 61,02 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | 2,912 | 2,648 | ND | ND | 2,408 | |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 21) No. Parte 087244 Serie CCMP,FLQ,KLDR
22) No. Parte 087293 Serie FLQ
23) No. Parte 090190 Serie KLKR/FLQ/APT

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

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| TESTING ITEM | Ω RESULT (ppm) | | | Limit |
|---|----------------|-------|------|-----------------|
| | (21) | (22) | (23) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | 2,144 | 2,152 | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | ND | ND | --- | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | ND | --- | --- |
| Dibromobiphenyl (DiBB) | ND | ND | --- | --- |
| Tribromobiphenyl (TriBB) | ND | ND | --- | --- |
| Tetrabromobiphenyl (TetraBB) | ND | ND | --- | --- |
| Pentabromobiphenyl (PentaBB) | ND | ND | --- | --- |
| Hexabromobiphenyl (HexaBB) | ND | ND | --- | --- |
| Heptabromobiphenyl (HeptaBB) | ND | ND | --- | --- |
| Octabromobiphenyl (OctaBB) | ND | ND | --- | --- |
| Nonabromobiphenyl (NonaBB) | ND | ND | --- | --- |
| Decabromobiphenyl (DecaBB) | ND | ND | --- | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | ND | ND | --- | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | ND | --- | --- |
| Dibromodiphenyl (DiBDE) | ND | ND | --- | --- |
| Tribromodiphenyl (TriBDE) | ND | ND | --- | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | ND | --- | --- |
| Pentabromodiphenyl (PentaBDE) | ND | ND | --- | --- |
| Hexabromodiphenyl (HexaBDE) | ND | ND | --- | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | ND | --- | --- |
| Octabromodiphenyl (OctaBDE) | ND | ND | --- | --- |
| Nonabromodiphenyl (NonaBDE) | ND | ND | --- | --- |
| Decabromodiphenyl (DecaBDE) | ND | ND | --- | --- |

ppm = parts per million based on dry weight of sample.

μg/cm² = microgram per square centimeter.

mg/kg WITH 50cm² = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

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Prepared and checked by :
For Intertek

Laboratory Manager

The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).

NOTE :DecaBDE IN POLYMERIC APPLICATIONS IS EXEMPTED ACCORDING TO
ROHS DIRECTIVE AMENDMENT 2005/717/EC.

=ACCORDING TO IEC 62321, A POSITIVE RESULT INDICATES THE PRESENCE OF Cr(VI) COATING. IT IS THE Cr(VI) CONCENTRATION DETECTED IN THE BOILING-WATER-EXTRACTION SOLUTION AND SHOULD NOT BE INTERPRETED AS THE Cr(VI) CONCENTRATION IN THE COATING LAYER OF THE SAMPLE.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-1 WERE TESTED SEPARATELY.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-2 WERE TESTED SEPARATELY.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-3 WERE TESTED SEPARATELY.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-4 WERE TESTED SEPARATELY.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-5 WERE TESTED SEPARATELY.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-6 WERE TESTED SEPARATELY.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-7 WERE TESTED SEPARATELY.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-8 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-9 WERE TESTED TOGETHER.

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REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-10 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-11 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-12 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-13 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-14 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-15 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-16 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-17 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-18 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-19 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-20 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-21 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-22 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-0867-23 WERE TESTED TOGETHER.

Test method :

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| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|---|---|------------------------|----------------|--------------|------------------------|
| | Chromium VI (Cr ⁶⁺) content | With reference to USEPA 3060, by EPA 7196 | BEQ160p5b | 2010-04-24 | MELA | 2,0 / 1,0* (Sample 19) |

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|--|---|------------------------|----------------|--------------|---------------------|
| | POLYBROMINATED BIPHENYLS (PBBs) | With reference to USEPA 3540C, by solvent extraction and determined by GC-MSD | 2010-004440-P CL | 2010-05-22 | CONT | 50 |
| | POLYBROMINATED DIPHENYL ETHERS (PBDEs) | With reference to USEPA 3540C, by solvent extraction and determined by GC-MSD | 2010-004440-P CL | 2010-05-22 | CONT | 50 |

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|--------------|------------------|------------------------|----------------|--------------|---------------------|
|----------------|--------------|------------------|------------------------|----------------|--------------|---------------------|

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| | | | | | | |
|-------|-------------------|--|-----------------|------------|----------|-------|
| 1 (a) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,807 |
| 1 (b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 4,902 |
| 2 (a) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 5,0 |
| 2 (b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 4,808 |
| 3 (a) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,717 |
| 3 (b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 4,717 |
| 4 (a) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,717 |
| 4 (b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 4,902 |
| 5 (a) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 5,0 |
| 5 (b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 5,0 |
| 5 (c) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,630 |
| 5 (d) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 5,319 |
| 6 (a) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,808 |
| 6 (b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 5,0 |
| 7 (a) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-23 | JMR,DCL | 5,102 |
| 7 (b) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 9,43 |
| 7 (c) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 5,55 |
| 7 (d) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,462 |
| 7 (e) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 0,887 |
| 7 (f) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,808 |
| 8 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 5,102 |
| 9 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,90 |
| 10 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,464 |
| 11 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 5,319 |
| 12 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 4,808 |
| 13 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 5,435 |
| 14 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 4,098 |
| 15 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 5,0 |
| 16 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p47,48 | 2010-04-23 | MARY,VLM | 6,85 |
| 17 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 5,102 |
| 18 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 4,901 |
| 19 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 0,443 |
| 20 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 5,319 |
| 21 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,630 |
| 22 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 4,717 |
| 23 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p49 | 2010-04-22 | JMR,DCL | 5,0 |

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|---------------------|--|------------------------|----------------|--------------|---------------------|
| 1 (a) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,92 |

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| | | | | | | |
|-------|---------------------|--|-----------------|------------|----------|-------|
| 1 (b) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,961 |
| 2 (a) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 2,0 |
| 2 (b) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,92 |
| 3 (a) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,89 |
| 3 (b) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,887 |
| 4 (a) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,89 |
| 4 (b) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,961 |
| 5 (a) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 2,0 |
| 5 (b) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 2,0 |
| 5 (c) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,85 |
| 5 (d) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 2,128 |
| 6 (a) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,923 |
| 6 (b) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 2,0 |
| 7 (a) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-23 | JMR,DCL | 2,041 |
| 7 (b) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,886 |
| 7 (c) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 3010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,111 |
| 7 (d) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 0,585 |
| 7 (e) | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 0,365 |
| 7 (f) | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,923 |
| 8 | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 2,04 |
| 9 | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,96 |
| 10 | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,786 |
| 11 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 2,128 |
| 12 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 1,923 |
| 13 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47 | 2010-04-22 | JMR,DCL | 2,174 |
| 14 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 1,64 |
| 15 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 2,0 |
| 16 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p47,48 | 2010-04-23 | MARY,VLM | 1,37 |
| 17 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 2,04 |
| 18 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 1,96 |
| 19 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 0,178 |
| 20 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p47,48 | 2010-04-22 | JMR,DCL | 2,128 |
| 21 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,852 |
| 22 | Cadmium(Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p51 | 2010-04-22 | JMR,DCL | 1,887 |
| 23 | Cadmium(Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p49 | 2010-04-22 | JMR,DCL | 2,0 |

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|----------------------|--|------------------------|----------------|--------------|---------------------|
| 1 (a) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0806 |
| 1 (b) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,082 |

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| | | | | | | |
|-------|----------------------|--|--------------|------------|-----|--------|
| 2 (a) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0833 |
| 2 (b) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0806 |
| 3 (a) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0833 |
| 3 (b) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0769 |
| 4 (a) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0769 |
| 4 (b) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0847 |
| 5 (a) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0833 |
| 5 (b) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0806 |
| 5 (c) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,082 |
| 5 (d) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0847 |
| 6 (a) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0806 |
| 6 (b) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,082 |
| 7 (a) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0806 |
| 7 (b) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0847 |
| 7 (c) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0556 |
| 7 (d) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0256 |
| 7 (e) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0633 |
| 7 (f) | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0806 |
| 8 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0833 |
| 9 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0794 |
| 10 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0806 |
| 11 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0725 |
| 12 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0735 |
| 13 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0833 |
| 14 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0781 |
| 15 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,082 |
| 16 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,082 |
| 17 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0746 |
| 18 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,082 |
| 19 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0088 |
| 20 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p44 | 2010-04-20 | UBM | 0,0806 |
| 21 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p54 | 2010-04-22 | UBM | 0,083 |
| 22 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p46 | 2010-04-20 | UBM | 0,0781 |
| 23 | Mercury (Hg) content | With reference to USEPA 7471MOD, by EPA 7471 | MET2010-4p50 | 2010-04-20 | UBM | 0,083 |

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Test Report

No. : CE/2008/25342 Date : 2008/03/03 Page : 1 of 7

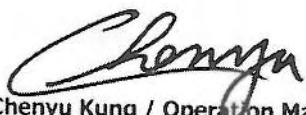
LITTELFUSE INC.
800 E NORTHWEST HIGHWAY, DES PLAINES, IL 60016



The following sample(s) was/were submitted and identified by/on behalf of the client as :

| | | |
|-----------------------|---|--------------------------|
| Sample Description | : | LABEL |
| Style/Item No. | : | 914-572 |
| Facility | : | POWRGARD |
| Sample Receiving Date | : | 2008/02/26 |
| Testing Period | : | 2008/02/26 TO 2008/03/03 |

Test Result(s) : Please refer to next page(s).


Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

Test Report

No. : CE/2008/25342 Date : 2008/03/03 Page : 2 of 7

LITTELFUSE INC.
800 E NORTHWEST HIGHWAY, DES PLAINES, IL 60016



Test Result(s)

PART NAME NO.1 : WHITE LABEL WITH RED PRINTED (EXCLUDING THE RELEASE PAPER)

| Test Item (s): | Unit | Method | MDL | Result |
|---|-------|---|-----|--------|
| | | | | No.1 |
| Cadmium (Cd) | mg/kg | With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Cadmium by ICP-AES. | 2 | n.d. |
| Lead (Pb) | mg/kg | With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Lead by ICP-AES. | 2 | n.d. |
| Mercury (Hg) | mg/kg | With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Mercury by ICP-AES. | 2 | n.d. |
| Hexavalent Chromium Cr(VI) by alkaline extraction | mg/kg | With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry. | 2 | n.d. |
| Halogen | --- | With reference to BS EN 14582:2007. Analysis was performed by IC method for F , Cl , Br, I content. | --- | --- |
| Halogen-Fluorine (F) (CAS No.: 007782-41-4) | mg/kg | With reference to BS EN 14582:2007. Analysis was performed by IC method for Fluorine content. | 50 | n.d. |
| Halogen-Chlorine (Cl) (CAS No.: 007782-50-5) | mg/kg | With reference to BS EN 14582:2007. Analysis was performed by IC method for Chlorine content. | 50 | 133 |
| Halogen-Bromine (Br) (CAS No.: 007726-95-6) | mg/kg | With reference to BS EN 14582:2007. Analysis was performed by IC method for Bromine content. | 50 | n.d. |
| Halogen-Iodine (I) (CAS No.: 007553-56-2) | mg/kg | With reference to BS EN 14582:2007. Analysis was performed by IC method for Iodine content. | 50 | n.d. |

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t(886-2) 22993939 f(886-2) 2299-3237 www.sgs.com.tw

Test Report

No. : CE/2008/25342 Date : 2008/03/03 Page : 3 of 7

LITTELFUSE INC.
800 E NORTHWEST HIGHWAY, DES PLAINES, IL 60016



| Test Item (s): | Unit | Method | MDL | Result |
|---|-------|---|-----|--------|
| Sum of PBBs | mg/kg | With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of PBB and PBDE by GC/MS. | - | n.d. |
| Monobromobiphenyl | | | 5 | n.d. |
| Dibromobiphenyl | | | 5 | n.d. |
| Tribromobiphenyl | | | 5 | n.d. |
| Tetrabromobiphenyl | | | 5 | n.d. |
| Pentabromobiphenyl | | | 5 | n.d. |
| Hexabromobiphenyl | | | 5 | n.d. |
| Heptabromobiphenyl | | | 5 | n.d. |
| Octabromobiphenyl | | | 5 | n.d. |
| Nonabromobiphenyl | | | 5 | n.d. |
| Decabromobiphenyl | | | 5 | n.d. |
| Sum of PBDEs (Mono to Nona) (Note 4) | | | - | n.d. |
| Monobromobiphenyl ether | | | 5 | n.d. |
| Dibromobiphenyl ether | | | 5 | n.d. |
| Tribromobiphenyl ether | | | 5 | n.d. |
| Tetrabromobiphenyl ether | | | 5 | n.d. |
| Pentabromobiphenyl ether | | | 5 | n.d. |
| Hexabromobiphenyl ether | | | 5 | n.d. |
| Heptabromobiphenyl ether | | | 5 | n.d. |
| Octabromobiphenyl ether | | | 5 | n.d. |
| Nonabromobiphenyl ether | | | 5 | n.d. |
| Decabromobiphenyl ether | | | 5 | n.d. |
| Sum of PBDEs (Mono to Deca) | | | - | n.d. |

- Note :
1. mg/kg = ppm
 2. n.d. = Not Detected
 3. MDL = Method Detection Limit
 4. According to 2005/717/EC DecaBDE is exempt.
 5. " - " = Not Regulated

Test Report

No. : CE/2008/25342 Date : 2008/03/03 Page : 4 of 7

LITTELFUSE INC.

800 E NORTHWEST HIGHWAY, DES PLAINES, IL 60016

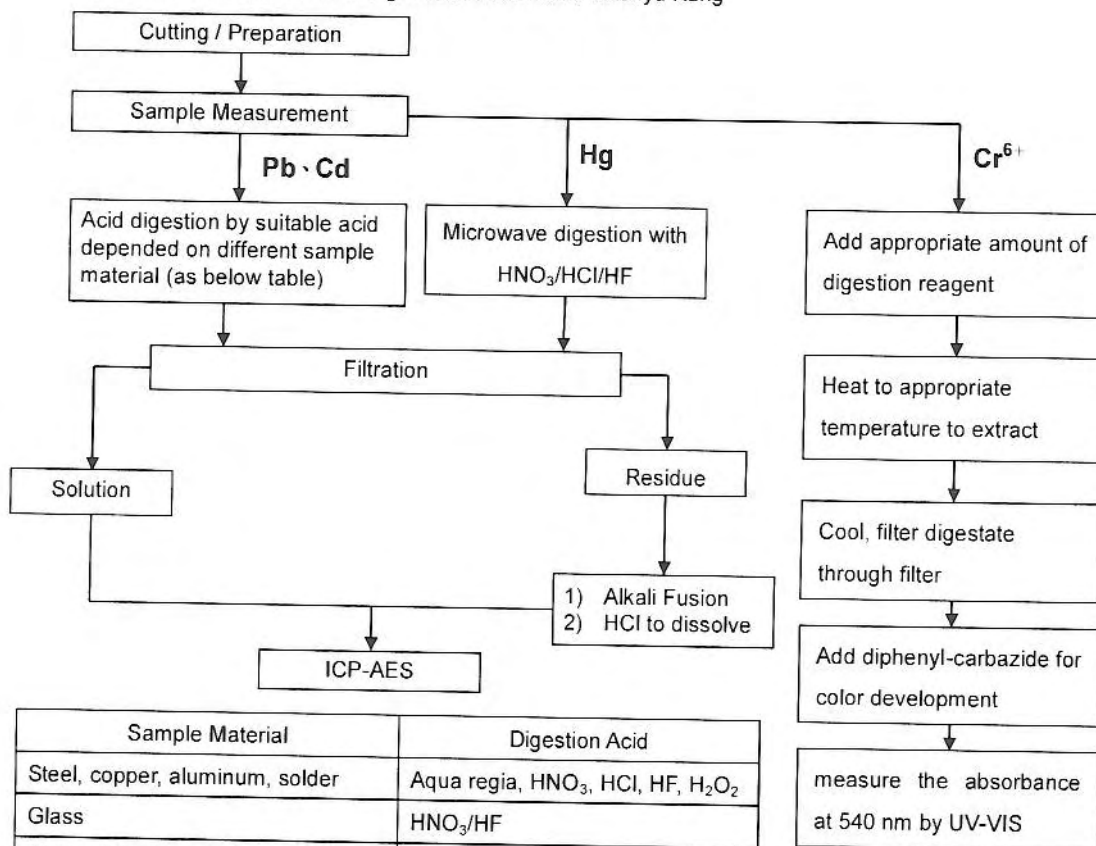


1) These samples were dissolved totally by pre-conditioning method according to below flow chart.

(Cr⁶⁺ test method excluded)

2) Name of the person who made measurement: Troy Chang

3) Name of the person in charge of measurement: Chenyu Kung



| Sample Material | Digestion Acid |
|------------------------------------|---|
| Steel, copper, aluminum, solder | Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂ |
| Glass | HNO ₃ /HF |
| Gold, platinum, palladium, ceramic | Aqua regia |
| Silver | HNO ₃ |
| Plastic | H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl |
| Others | Any acid to total digestion |

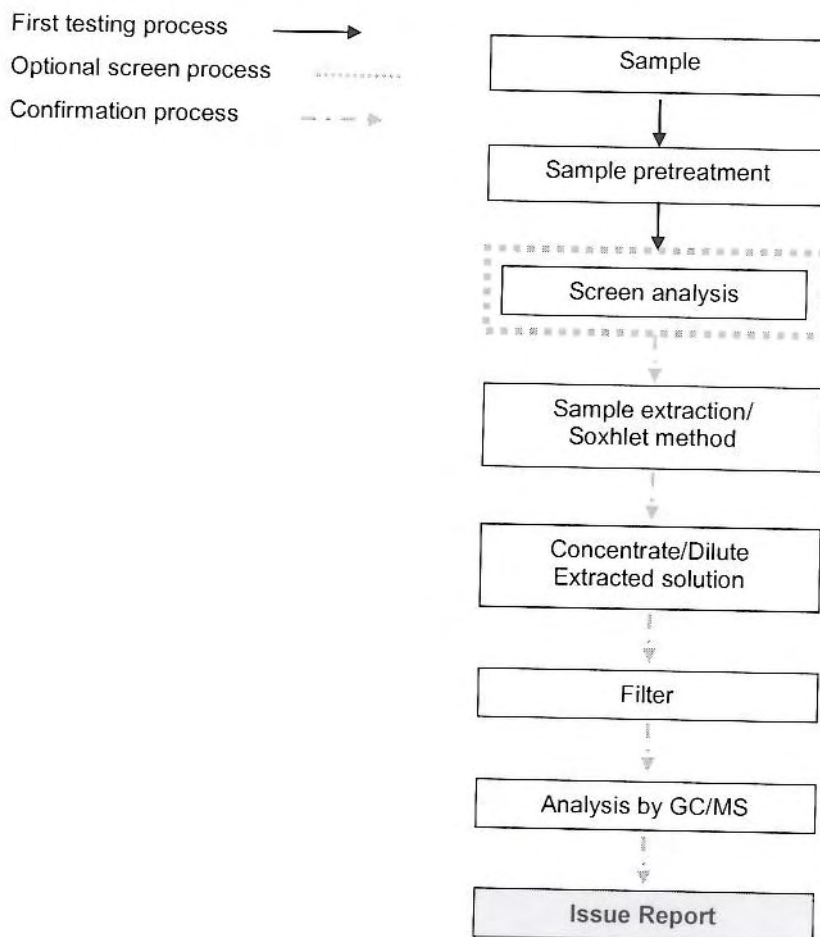
Test Report

No. : CE/2008/25342 Date : 2008/03/03 Page : 5 of 7

LITTELFUSE INC.
800 E NORTHWEST HIGHWAY, DES PLAINES, IL 60016



PBB/PBDE analytical FLOW CHART



Test Report

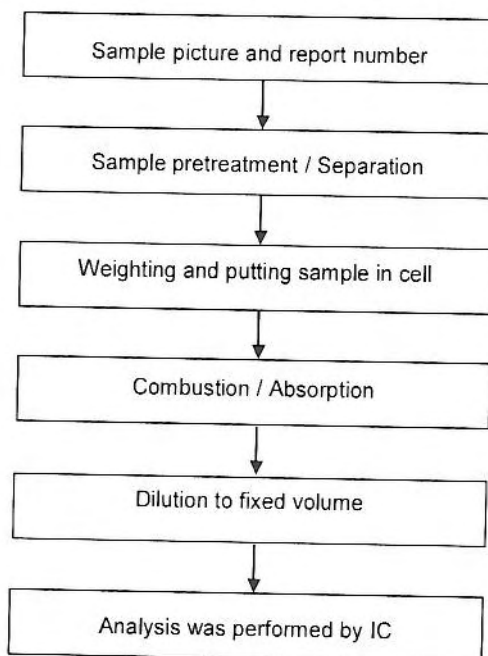
No. : CE/2008/25342 Date : 2008/03/03 Page : 6 of 7

LITTELFUSE INC.

800 E NORTHWEST HIGHWAY, DES PLAINES, IL 60016



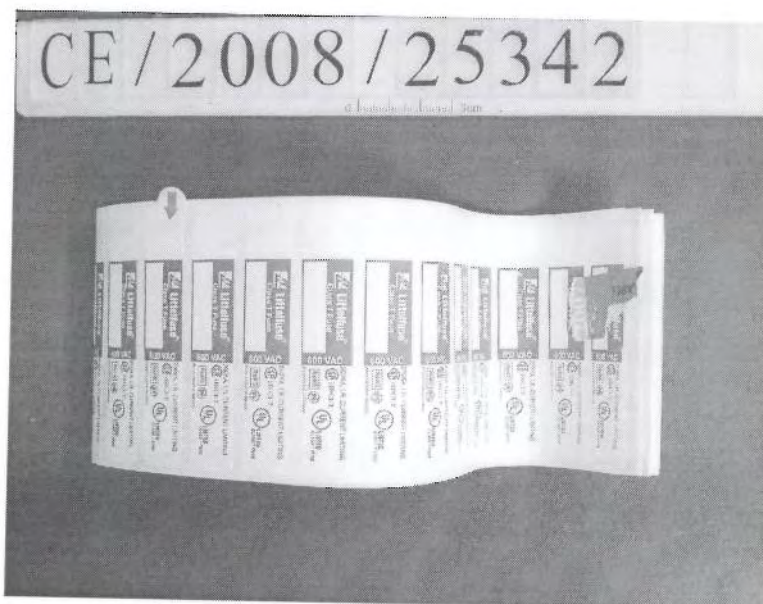
Analytical flow chart of halogen content



Test Report

No. : CE/2008/25342 Date : 2008/03/03 Page : 7 of 7

LITTELFUSE INC.
800 E NORTHWEST HIGHWAY, DES PLAINES, IL 60016



** End of Report **

RESULTS REPORT
INTERTEK TESTING SERVICES
DE MEXICO SA DE CV
LABORATORIO CD. DE MEXICO

DELIVER TO: Littelfuse, S.A. de C.V.
Blvd. Fausto 2 mtz. 1800, Col. Magisterio Secc. 38, Piedras
Negra, Coahuila, C.P. 26070

ATTENTION: Ing. Mario Alberto Falcón

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1ª. Emisión Junio 2005, 1º Revisión Junio 26, 2009. ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.
Blvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C P 11650. México. D.F. Tel.: 50912150 Fax: 55407863

TEST REPORT**APPLICANT**

Littelfuse, S.A. de C.V.
Blvd. Fausto 2 mtz. 1800, Col. Magisterio Secc. 38, Piedras Negra, Coahuila, C.P. 26070

Ing. Mario Alberto Falcón

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be :

| Sample Description | NP |
|--------------------|--|
| | 1) Spring 912-064 Serie 155XXXXZXA |
| | 2) Fuse 0307014 M Serie 0155XXXXZXA |
| | 3) Spring 912-063 Serie 0155XXXXZXA |
| | 4) Spring 1551XXZXA Serie parte 912-200 |
| | 5) Serie 1551XXZXA Spring 912-201 |
| | 8) Serie 155 Body half 155100-1 |
| | 11) Serie 125 Fuse clip 0125 0002Z |
| | 12) Serie 125 Fuse clip 0125 0001Z |
| Item No. | 13) Serie 111 clip 01110510Z |
| | 14) Serie 111 clip 01110506Z |
| | 15) Seire 111 clip 01110505Z |
| | 16) Serie 111 clip 01110501Z |
| | 17) Serie KLK Tin slug 927-191 |
| | 18) Serie KLK Silver strip 685120 |
| | 19) Serie KLDL Element 082649 |
| | 20) Serie KLDL Cap 923-080 |

| | |
|----------------------|--------------------------|
| Country of Origin | NP |
| Buyer's Name | NP |
| Supplier's Name | NP |
| Date sample received | 2010-03-25 |
| Testing period | 2010-03-23 to 2010-03-29 |

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ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

Blvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863

One (1) group of submitted samples said to be :

| Sample Description | NP |
|--------------------|--|
| | 21) Serie KLDR Rejection Cap 923-088 |
| | 22) Serie KLDR Element 082149 |
| | 23) Serie KLDR Cap Solder 927-293 |
| | 24) Serie KLDR Disc 882-363-001 |
| | 25) Serie KLDR Solder 692532 |
| | 26) Serie KLDR/FLQ Element 082384 |
| | 27) Serie KLDR Filler silica 090169 |
| | 28) Serie KLKD/JLLS Solder preform 927-296 |
| | 29) Serie KLKD Solder overlay 692264 |
| | 30) Serie 150 Body 155004-1 |
| | 31) Serie 150 Knob 155004-4 |
| | 32) Serie 150 Body 868-062-000 |
| Item No. | 35) Serie 150 Spring 912-065 |
| | 36) Serie 150 Rivet 904-216-001 |
| | 37) Serie 150 Insert 155 004-3 |
| | 38) Serie 150 Spring 912-060 |
| | 39) Serie 150 Spring 912-067 |
| | 40) Serie 342 body 340031-1 |
| | 41) Serie 342 body 342006-1 |
| | 42) Serie 342 Rivet 904-228-002 |
| | 43) Serie 342 Spring 912-249 |
| | 44) Serie 342 Insert 342004-6 |
| | 45) Serie 342 Valox DR48-057259 |
| | 46) Serie 342 Clip 883-030 |

| | |
|----------------------|--------------------------|
| Country of Origin | NP |
| Buyer's Name | NP |
| Supplier's Name | NP |
| Date sample received | 2010-03-25 |
| Testing period | 2010-03-23 to 2010-03-29 |

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Bld. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| Testing item | Conclusion | Failed component | Failed result |
|--------------------------------------|------------------------------|------------------|---------------|
| Spring 912-064 Serie 155XXXXZXA | failed See Result summary | --- | --- |
| Fuse 0307014 M Serie 0155XXXXZXA | failed See Result summary | --- | --- |
| Spring 912-063 Serie 0155XXXXZXA | failed See Result summary | --- | --- |
| Spring 1551XXZXA Serie parte 912-200 | failed See Result summary | --- | --- |
| Serie 1551XXZXA Spring 912-201 | failed See Result summary | --- | --- |
| Serie 155 Body half 155100-1 | Pass See Result summary | --- | --- |
| Serie 125 Fuse clip 0125 0002Z | Pass See Result summary | --- | --- |
| Serie 125 Fuse clip 0125 0001Z | Pass See Result summary | --- | --- |
| Serie 111 clip 01110510Z | Pass See Result summary | --- | --- |
| Serie 111 clip 01110506Z | Pass See Result summary | --- | --- |
| Serie 111 clip 01110505Z | Pass See Result summary | --- | --- |
| Serie 111 clip 01110501Z | Pass See Result summary | --- | --- |
| Serie KLK Tin slug 927-191 | Pass See Result summary | --- | --- |
| Serie KLK Silver strip 685120 | Pass See Result summary | --- | --- |
| Serie KLDL Element 082649 | Pass See Result summary | --- | --- |

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Intertek Testing Services de México, S.A. de C.V.
Bld. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
04510 México D.F. Tel: 55042150 Fax: 55407863

ILTA/003/GENS-F8

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| Testing item | Conclusion | Failed component | Failed result |
|--|------------------------------|------------------|---------------|
| Serie KLDR Cap 923-080 | Pass See Result summary | --- | --- |
| Serie KLDR Rejection Cap 923-088 | failed See Result summary | --- | --- |
| Serie KLDR Element 082149 | Pass See Result summary | --- | --- |
| Serie KLDR Cap Solder 927-293 | Pass See Result summary | --- | --- |
| Serie KLDR Disc 882-363-001 | Pass See Result summary | --- | --- |
| Serie KLDR Solder 692532 | Pass See Result summary | --- | --- |
| Serie KLDR/FLQ Element 082384 | Pass See Result summary | --- | --- |
| Serie KLDR Filler silica 090169 | Pass See Result summary | --- | --- |
| Serie KLKD/JLLS Solder preform 927-296 | Pass See Result summary | --- | --- |
| Serie KLKD Solder overlay 692264 | Pass See Result summary | --- | --- |
| Serie 150 Body 155004-1 | Pass See Result summary | --- | --- |
| Serie 150 Knob 155004-4 | Pass See Result summary | --- | --- |
| Serie 150 Body 868-062-000 | Pass See Result summary | --- | --- |

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Intertek Testing Services de México, S.A. de C.V.
Blvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650. México, D.F. Tel.: 50912150 Fax: 55407863

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| Testing item | Conclusion | Failed component | Failed result |
|-----------------------------|------------------------------|------------------|---------------|
| Serie 150 Spring 912-065 | failed See Result summary | --- | --- |
| Serie 150 Rivet 904-216-001 | Pass See Result summary | --- | --- |
| Serie 150 Insert 155 004-3 | failed See Result summary | --- | --- |
| Serie 150 Spring 912-060 | failed See Result summary | --- | --- |
| Serie 150 Spring 912-067 | failed See Result summary | --- | --- |
| Serie 342 body 340031-1 | Pass See Result summary | --- | --- |
| Serie 342 body 342006-1 | Pass See Result summary | --- | --- |
| Serie 342 Rivet 904-228-002 | Pass See Result summary | --- | --- |
| Serie 342 Spring 912-249 | failed See Result summary | --- | --- |
| Serie 342 Insert 342004-6 | Pass See Result summary | --- | --- |
| Serie 342 Valox DR48-057259 | failed See Result summary | --- | --- |
| Serie 342 Clip 883-030 | Pass See Result summary | --- | --- |

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Intertek Testing Services de México, S.A. de C.V.

Bldv. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 1) Spring 912-064 Serie 155XXXXZXA
- 2) Fuse 0307014 M Serie 0155XXXXZXA
- 3) Spring 912-063 Serie 0155XXXXZXA
- 4) Spring 1551XXZXA Serie parte 912-200
- 5) Serie 1551XXZXA Spring 912-201
- 8) Serie 155 Body half 155100-1
- 11) Serie 125 Fuse clip 0125 0002Z
- 12) Serie 125 Fuse clip 0125 0001Z
- 13) Serie 111 clip 01110510Z
- 14) Serie 111 clip 01110506Z
- 15) Serie 111 clip 01110505Z
- 16) Serie 111 clip 01110501Z

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|------------------------------------|-----------------------|---------|--------|--------|-----------------|
| | (1) | (2) | (3) | (4) | |
| Cadmium (Cd) content | 55,39 | ND | 44,74 | 51,20 | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 2320,0 | 32320,0 | 2100,0 | 2222,0 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr^{6+}) | ND | ND | ND | ND | 0,1% (1000 ppm) |

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|------------------------------------|-----------------------|-----|-------|-------|-----------------|
| | (5) | (8) | (11) | (12) | |
| Cadmium (Cd) content | 48,71 | ND | ND | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 1927,0 | ND | 8,102 | 7,998 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr^{6+}) | ND | ND | ND | ND | 0,1% (1000 ppm) |

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|------------------------------------|-----------------------|-------|-------|-------|-----------------|
| | (13) | (14) | (15) | (16) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 72,25 | 31,92 | 12,79 | 86,19 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr^{6+}) | ND | ND | ND | ND | 0,1% (1000 ppm) |

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ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

Bld. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.D. 44550, México, D.F. Tel.: 50912150 Fax: 55407863

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 17) Serie KKK Tin slug 927-191
- 18) Serie KKK Silver strip 685120
- 19) Serie KKKR Element 082649
- 20) Serie KKKR Cap 923-080
- 21) Serie KKKR Rejection Cap 923-088
- 22) Serie KKKR Element 082149
- 23) Serie KKKR Cap Solder 927-293
- 24) Serie KKKR Disc 882-363-001
- 25) Serie KKKR Solder 692532
- 26) Serie KKKR/FLQ Element 082384
- 27) Serie KKKR Filler silica 090169
- 28) Serie KKKD/JLLS Solder preform 927-296

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|----------------|------|-------|-------|-----------------|
| | (17) | (18) | (19) | (20) | |
| Cadmium (Cd) content | 2284,0 | ND | ND | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 154,7 | ND | 6,088 | 5,454 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|----------------|-------|--------|--------|-----------------|
| | (21) | (22) | (23) | (24) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | 0,0776 | 0,2297 | 0,1% (1000 ppm) |
| Lead (Pb) content | 11390,0 | 25,63 | 234,8 | 64,69 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|----------------|-------|------|-------|-----------------|
| | (25) | (26) | (27) | (28) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 155,9 | 4,043 | ND | 110,6 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

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ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

Bldv. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863

www.intertek.com

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 29) Serie KLKD Solder overlay 692264
- 30) Serie 150 Body 155004-1
- 31) Serie 150 Knob 155004-4
- 32) Serie 150 Body 868-062-000
- 35) Serie 150 Spring 912-065
- 36) Serie 150 Rivet 904-216-001
- 37) Serie 150 Insert 155 004-3
- 38) Serie 150 Spring 912-060
- 39) Serie 150 Spring 912-067
- 40) Serie 342 body 340031-1
- 41) Serie 342 body 342006-1
- 42) Serie 342 Rivet 904-228-002

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|----------------|-------|------|------|-----------------|
| | (29) | (30) | (31) | (32) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 142,8 | 12,62 | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|----------------|-------|--------|--------|-----------------|
| | (35) | (36) | (37) | (38) | |
| Cadmium (Cd) content | 50,22 | ND | 53,69 | 51,61 | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 1704,0 | 41,37 | 1744,0 | 1933,0 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|----------------|-------|-------|-------|-----------------|
| | (39) | (40) | (41) | (42) | |
| Cadmium (Cd) content | 54,06 | ND | ND | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 1784,0 | 9,534 | 9,724 | 8,709 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

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ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

Blvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 43) Serie 342 Spring 912-249
- 44) Serie 342 Insert 342004-6
- 45) Serie 342 Valox DR48-057259
- 46) Serie 342 Clip 883-030

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|-----------------------|-------|------|-------|-----------------|
| | (43) | (44) | (45) | (46) | |
| Cadmium (Cd) content | 37,11 | ND | 1740 | ND | 0,01% (100 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Lead (Pb) content | 1207,0 | 48,76 | ND | 49,69 | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

ppm = parts per million based on dry weight of sample.

 $\mu\text{g}/\text{cm}^2$ = microgram per square centimeter.mg/kg WITH 50cm² = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

These Accreditations only apply for the methods listed in such. Not accredited under EMA Ω .Prepared and checked by :
For Intertek

Laboratory Manager

The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).

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1ª. Emisión Junio 2005, 1ª Revisión Junio 26, 2009.

ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.Blvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863

Test method :

| <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control</u> <u>Batch:</u> | <u>Analysis</u> <u>Date:</u> | <u>Analyzed</u> <u>By:</u> | <u>Reporting limit</u> <u>ppm</u> |
|--|--|---|---------------------------------|-------------------------------|--------------------------------------|
| Chromium VI (Cr ⁶⁺) content | With reference to USEPA 3060, by EPA 7196 | QHU2009-3p63 | 2010-04-06 | JLHS,MTCM | 2,0 |

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ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

Bldv. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650. México. D.F. Tel.: 50912150 Fax: 55407863

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|-------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,634 |
| 2 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,524 |
| 3 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,337 |
| 4 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,807 |
| 5 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,475 |
| 8 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 5,208 |
| 11 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,784 |
| 12 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,764 |
| 13 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,386 |
| 14 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,032 |
| 15 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,166 |
| 16 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,386 |
| 17 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,717 |
| 18 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,167 |
| 19 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,902 |
| 20 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,168 |
| 21 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,906 |
| 22 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 3,623 |
| 23 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,167 |
| 24 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 5,000 |
| 25 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,464 |
| 26 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,032 |
| 27 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 3,906 |
| 28 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 5,682 |
| 29 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,545 |
| 30 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 3,378 |
| 31 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 5,102 |
| 32 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 3,846 |
| 35 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,137 |
| 36 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 3,424 |
| 37 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,082 |
| 38 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 3,906 |
| 39 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 6,578 |
| 40 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,902 |
| 41 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,717 |
| 42 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,293 |
| 43 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,808 |
| 44 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,155 |
| 45 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 4,717 |
| 46 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 7,143 |

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ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

Bld. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
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www.intertek.com

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|----------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,653 |
| 2 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,610 |
| 3 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,534 |
| 4 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,923 |
| 5 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,990 |
| 8 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,083 |
| 11 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,313 |
| 12 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,306 |
| 13 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,754 |
| 14 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,612 |
| 15 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,670 |
| 16 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,754 |
| 17 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,887 |
| 18 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,67 |
| 19 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,961 |
| 20 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,467 |
| 21 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,362 |
| 22 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,449 |
| 23 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,66 |
| 24 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,00 |
| 25 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,785 |
| 26 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,612 |
| 27 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,562 |
| 28 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,273 |
| 29 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,818 |
| 30 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,351 |
| 31 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,041 |
| 32 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,538 |
| 35 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,855 |
| 36 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,369 |
| 37 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,432 |
| 38 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,562 |
| 39 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,631 |
| 40 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,961 |
| 41 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,887 |
| 42 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,917 |
| 43 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,923 |
| 44 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 0,862 |
| 45 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 1,887 |
| 46 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p31 | 2010-04-05 | DCL,JMR | 2,857 |

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ILTA/003/GENS-F8

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Blvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650. México. D.F. Tel.: 50912150 Fax: 55407863

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|----------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0806 |
| 2 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 3 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 4 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 5 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 8 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0264 |
| 11 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0157 |
| 12 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0152 |
| 13 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 14 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 15 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0806 |
| 16 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 17 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0806 |
| 18 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 19 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0806 |
| 20 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0235 |
| 21 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0469 |
| 22 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0806 |
| 23 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0769 |
| 24 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 25 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 26 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 27 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 28 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0781 |
| 29 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0794 |
| 30 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0746 |
| 31 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0806 |
| 32 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0131 |
| 35 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 36 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 37 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0220 |
| 38 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0820 |
| 39 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0758 |
| 40 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0794 |
| 41 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0806 |
| 42 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0472 |
| 43 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 44 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0833 |
| 45 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,082 |
| 46 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p35 | 2010-04-01 | UBM | 0,0781 |

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ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

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Test Report

No. : CE/2007/38230

Date : 2007/04/03

Page : 1 of 3

LITTELFUSE INC.
800 E NORTHWEST HIGHWAY DES PLAINES, IL 60016



The following sample(s) was/were submitted and identified by/on behalf of the client as :


Sample Description : DISC (70/30 BRASS)
Style/Item No. : 882-532
Facility : POWER
Sample Receiving Date : 2007/03/28
Testing Period : 2007/03/28 TO 2007/04/03

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321, Ed.1 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.

- (1) Determination of Cadmium by ICP-AES.
- (2) Determination of Lead by ICP-AES.
- (3) Determination of Mercury by ICP-AES.
- (4) Determination of Hexavalent Chromium for metallic samples by Spot test / Colorimetric Method.

Test Result(s) : Please refer to next page(s).


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

No. : CE/2007/38230 Date : 2007/04/03

Page : 2 of 3

LITTELFUSE INC.
800 E NORTHWEST HIGHWAY DES PLAINES, IL 60016



Test results by chemical method (Unit: mg/kg)

| Test Item (s): | Method (Refer to) | Result | MDL |
|---|----------------------|----------|------------|
| | | No.1 | |
| Cadmium (Cd) | (1) | n.d. | 2 |
| Lead (Pb) | (2) | 13 | 2 |
| Mercury (Hg) | (3) | n.d. | 2 |
| Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction | (4) | Negative | See Note 4 |

TEST PART DESCRIPTION:

NO.1 : GOLDEN COLORED METAL

Note : 1. mg/kg = ppm

2. n.d. = Not Detected

3. MDL = Method Detection Limit

4. Spot-test:

Negative = Absence of Cr(VI) coating / surface layer,

Positive = Presence of Cr(VI) coating / surface layer;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of Cr(VI) coating / surface layer.

Positive = Presence of Cr(VI) coating / surface layer;

the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

Test Report

No. : CE/2007/38230 Date : 2007/04/03

Page : 3 of 3

LITTELFUSE INC.
800 E NORTHWEST HIGHWAY DES PLAINES, IL 60016



** End of Report **

RESULTS REPORT
INTERTEK TESTING SERVICES
DE MEXICO SA DE CV
LABORATORIO CD. DE MEXICO

DELIVER TO:

Littelfuse, S.A. de C.V.
Poder Judicial No. 1005, Col. Burócratas, Piedras Negras,
Coahuila, C.P. 26020

ATTENTION: Berenice Casas / Mario Falcón

TEST REPORT

APPLICANT

Littelfuse, S.A. de C.V.
Poder Judicial No. 1005, Col. Burócratas, Piedras Negras, Coahuila, C.P. 26020
Berenice Casas / Mario Falcón

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be

| Sample Description | NP |
|------------------------------------|---|
| 1) P/N: 902-122 Serie: L600XXX-XPQ | |
| 2) P/N: 903-117 Serie: L600XXX-XPQ | |
| 3) P/N: 883-057 Serie: 153 | |
| 4) P/N: 902-140 Serie: L600XXX-XPQ | |
| 5) P/N: 875-460 Serie: 345 | |
| 6) P/N: 883-050 Serie: 345 Int. | |
| 7) P/N: 882-426 Serie: 345 Int. | |
| 8) P/N: 883-048 Serie: 345 Int. | |
| 9) P/N: 883-055 Serie: 345 Int. | |
| 10) P/N: 912-296 Serie: 345 Int. | |
| 11) P/N: 070126 Serie: 345 Int. | |
| 12) P/N: 912-297 Serie: 345 Int. | |
| 13) P/N: 875-524 Serie: 345 Int. | |
| 14) P/N: 875-521 Serie: 345 Int. | |
| 15) P/N: 891-023 Serie: 345 Int. | |
| Item No. | 16) P/N: 923-001 Serie: FLQ/BLF |
| | 17) P/N: 082394 Serie: KLKR |
| | 18) P/N: 082386 Serie: FLQ |
| | 19) P/N: 082342 Serie: SPF |
| | 20) P/N: 0297005 WXNV Serie: 153 |
| | 21) P/N: 868-069 Serie: L600XXX-XPQ |
| | 22) P/N: 057256 Serie: 345 Int. |
| | 23) P/N: 057838 Serie: 345 Int. |
| | 24) P/N: 153007-4 Serie: 153 |
| | 25) P/N: 885-018 Serie: 153 |
| | 26) P/N: 3453RF1-1 Serie: 345 Int. |
| | 27) P/N: 057277 Serie: 345 Int. |
| | 28) P/N: 909-161 / 909-171 Serie: FLQ/SPE |
| | 29) P/N: 901-182 Serie: KLKR/BLS |
| | 30) P/N: 901-134 Serie: 345 |
| | 31) P/N: 087284 Serie: SPE |

Country of Origin NP
Buyer's Name NP
Supplier's Name NP
Date sample received 2010-04-20
Testing period 2010-04-29 to 2009-05-22

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| | Testing item | Conclusion | Failed component | Failed result |
|----|------------------------------------|----------------------------|------------------|---------------|
| 1 | P/N: 902-122 Serie: L600XXX-XPQ | Pass See Result summary | --- | --- |
| 2 | P/N: 903-117 Serie: L600XXX-XPQ | Pass See Result summary | --- | --- |
| 3 | P/N: 883-057 Serie 153 | Pass See Result summary | --- | --- |
| 4 | P/N: 902-140 Serie L600XXX-XPQ | Pass See Result summary | --- | --- |
| 5 | P/N: 875-460 Serie 345 | Pass See Result summary | --- | --- |
| 6 | P/N: 883-050 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 7 | P/N: 882-426 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 8 | P/N: 883-048 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 9 | P/N: 883-055 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 10 | P/N: 912-296 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 11 | P/N: 070126 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 12 | P/N: 912-297 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 13 | P/N: 875-524 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 14 | P/N: 875-521 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 15 | P/N: 891-023 Serie: 345 Int. | Pass See Result summary | --- | --- |

CONCLUSION

| | Testing item | Conclusion | Failed component | Failed result |
|----|--|----------------------------|------------------|---------------|
| 16 | P/N: 923-001 Serie: FLQ/BLF | Pass See Result summary | --- | --- |
| 17 | P/N: 082394 Serie: KLKR | Pass See Result summary | --- | --- |
| 18 | P/N: 082386 Serie: FLQ | Pass See Result summary | --- | --- |
| 19 | P/N: 082342 Serie: SPF | Pass See Result summary | --- | --- |
| 20 | P/N: 0297005 WXNV Serie: 153 | Pass See Result summary | --- | --- |
| 21 | P/N: 868-069 Serie: L600XXX-XPQ | Pass See Result summary | --- | --- |
| 22 | P/N: 057256 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 23 | P/N: 057838 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 24 | P/N: 153007-4 Serie: 153 | Pass See Result summary | --- | --- |
| 25 | P/N: 885-018 Serie: 153 | Pass See Result summary | --- | --- |
| 26 | P/N: 3453RF1-1 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 27 | P/N: 057277 Serie: 345 Int. | Pass See Result summary | --- | --- |
| 28 | P/N: 909-161 / 909-171 Serie: FLQ/SPE | Pass See Result summary | --- | --- |
| 29 | P/N: 901-182 Serie: KLKR/BLS | Pass See Result summary | --- | --- |
| 30 | P/N: 901-134 Serie: 345 | Pass See Result summary | --- | --- |
| 31 | P/N: 087284 Serie: SPE | Pass See Result summary | --- | --- |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 1) P/N: 902-122 Serie: L600XXX-XPQ
- 2) P/N: 903-117 Serie: L600XXX-XPQ
- 3) P/N: 883-057 Serie 153

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|-----------------------------------|----------------|--------|--------|-----------------|
| | (1) | (2) | (3) | |
| Cadmium (Cd) content | 58,493 | 25,093 | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 17,26 | 5,70 | 19,038 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | 0,210 | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 4) P/N: 902-140 Serie L600XXX-XPQ
- 5) P/N: 875-460 Serie 345
- 6) P/N: 883-050 Serie: 345 Int.

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|-----------------------------------|----------------|-------|-------|-----------------|
| | (4) | (5) | (6) | |
| Cadmium (Cd) content | 15,321 | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 3,661 | 19,58 | 13,86 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | 0,043 | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 7) P/N: 882-426 Serie: 345 Int.
- 8) P/N: 883-048 Serie: 345 Int.
- 9) P/N: 883-055 Serie: 345 Int.

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|-----------------------------|-----------------------|-------|-------|-----------------|
| | (7) | (8) | (9) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 29,46 | 14,91 | 14,09 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr^{6+}) | ND | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 10) P/N: 912-296 Serie: 345 Int.
- 11) P/N: 070126 Serie: 345 Int.
- 12) P/N: 912-297 Serie: 345 Int.

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|-----------------------------|-----------------------|--------|--------|-----------------|
| | (10) | (11) | (12) | |
| Cadmium (Cd) content | 39,706 | 41,600 | 39,210 | 0,01% (100 ppm) |
| Lead (Pb) content | 23,431 | 25,500 | 22,193 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr^{6+}) | ND | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 13) P/N: 875-524 Serie: 345 Int.
- 14) P/N: 875-521 Serie: 345 Int.
- 15) P/N: 891-023 Serie: 345 Int.

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|-----------------------------------|----------------|-------|-------|-----------------|
| | (13) | (14) | (15) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 36,80 | 50,11 | 27,73 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 16) P/N: 923-001 Serie: FLQ/BLF
- 17) P/N: 082394 Serie: KLKR
- 18) P/N: 082386 Serie: FLQ
- 19) P/N: 082342 Serie: SPF

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|-----------------------------------|----------------|--------|-------|------|-----------------|
| | (16) | (17) | (18) | (19) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 7,584 | 11,300 | 7,882 | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

One (1) group of submitted samples said to be :
20) (a) P/N: 0297005 WXNV Serie: 153 (Metal)
20) (b) P/N: 0297005 WXNV Serie: 153 (Plástico)
21) P/N: 868-069 Serie: L600XXX-XPQ
22) P/N: 057256 Serie: 345 Int.

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|---|----------------|--------|-------|------|-----------------|
| | (20) a | (20) b | (21) | (22) | |
| Cadmium (Cd) content | 2,210 | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | 13,39 | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND * | | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | — | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | — | ND | ND | ND | — |
| Dibromobiphenyl (DiBB) | — | ND | ND | ND | — |
| Tribromobiphenyl (TriBB) | — | ND | ND | ND | — |
| Tetrabromobiphenyl (TetraBB) | — | ND | ND | ND | — |
| Pentabromobiphenyl (PentaBB) | — | ND | ND | ND | — |
| Hexabromobiphenyl (HexaBB) | — | ND | ND | ND | — |
| Heptabromobiphenyl (HeptaBB) | — | ND | ND | ND | — |
| Octabromobiphenyl (OctaBB) | — | ND | ND | ND | — |
| Nonabromobiphenyl (NonaBB) | — | ND | ND | ND | — |
| Decabromobiphenyl (DecaBB) | — | ND | ND | ND | — |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | — | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | — | ND | ND | ND | — |
| Dibromodiphenyl (DiBDE) | — | ND | ND | ND | — |
| Tribromodiphenyl (TriBDE) | — | ND | ND | ND | — |
| Tetrabromodiphenyl (TetraBDE) | — | ND | ND | ND | — |
| Pentabromodiphenyl (PentaBDE) | — | ND | ND | ND | — |
| Hexabromodiphenyl (HexaBDE) | — | ND | ND | ND | — |
| Heptabromodiphenyl (HeptaBDE) | — | ND | ND | ND | — |
| Octabromodiphenyl (OctaBDE) | — | ND | ND | ND | — |
| Nonabromodiphenyl (NonaBDE) | — | ND | ND | ND | — |
| Decabromodiphenyl (DecaBDE) | — | ND | ND | ND | — |

(*) NOTA: Se analizó muestra compuesta.

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 23) P/N: 057838 Serie: 345 Int.
- 24) P/N: 153007-4 Serie: 153
- 25) P/N: 885-018 Serie: 153

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|---|----------------|------|------|-----------------|
| | (23) | (24) | (25) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | ND | ND | --- |
| Dibromobiphenyl (DiBB) | ND | ND | ND | --- |
| Tribromobiphenyl (TriBB) | ND | ND | ND | --- |
| Tetrabromobiphenyl (TetraBB) | ND | ND | ND | --- |
| Pentabromobiphenyl (PentaBB) | ND | ND | ND | --- |
| Hexabromobiphenyl (HexaBB) | ND | ND | ND | --- |
| Heptabromobiphenyl (HeptaBB) | ND | ND | ND | --- |
| Octabromobiphenyl (OctaBB) | ND | ND | ND | --- |
| Nonabromobiphenyl (NonaBB) | ND | ND | ND | --- |
| Decabromobiphenyl (DecaBB) | ND | ND | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | ND | ND | --- |
| Dibromodiphenyl (DiBDE) | ND | ND | ND | --- |
| Tribromodiphenyl (TriBDE) | ND | ND | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | ND | ND | --- |
| Pentabromodiphenyl (PentaBDE) | ND | ND | ND | --- |
| Hexabromodiphenyl (HexaBDE) | ND | ND | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | ND | ND | --- |
| Octabromodiphenyl (OctaBDE) | ND | ND | ND | --- |
| Nonabromodiphenyl (NonaBDE) | ND | ND | ND | --- |
| Decabromodiphenyl (DecaBDE) | ND | ND | ND | --- |

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 26) P/N: 3453RF1-1 Serie: 345 Int.
- 27) P/N: 057277 Serie: 345 Int.
- 28) P/N: 909-161 / 909-171 Serie: FLQ/SPE

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|---|----------------|------|------|-----------------|
| | (26) | (27) | (28) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | ND | ND | --- |
| Dibromobiphenyl (DiBB) | ND | ND | ND | --- |
| Tribromobiphenyl (TriBB) | ND | ND | ND | --- |
| Tetrabromobiphenyl (TetraBB) | ND | ND | ND | --- |
| Pentabromobiphenyl (PentaBB) | ND | ND | ND | --- |
| Hexabromobiphenyl (HexaBB) | ND | ND | ND | --- |
| Heptabromobiphenyl (HeptaBB) | ND | ND | ND | --- |
| Octabromobiphenyl (OctaBB) | ND | ND | ND | --- |
| Nonabromobiphenyl (NonaBB) | ND | ND | ND | --- |
| Decabromobiphenyl (DecaBB) | ND | ND | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | ND | ND | --- |
| Dibromodiphenyl (DiBDE) | ND | ND | ND | --- |
| Tribromodiphenyl (TriBDE) | ND | ND | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | ND | ND | --- |
| Pentabromodiphenyl (PentaBDE) | ND | ND | ND | --- |
| Hexabromodiphenyl (HexaBDE) | ND | ND | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | ND | ND | --- |
| Octabromodiphenyl (OctaBDE) | ND | ND | ND | --- |
| Nonabromodiphenyl (NonaBDE) | ND | ND | ND | --- |
| Decabromodiphenyl (DecaBDE) | ND | ND | ND | --- |

TEST CONDUCTED

One (1) group of submitted samples said to be :

29) P/N: 901-182 Serie: KLKR/BLS

30) P/N: 901-134 Serie: 345

31) P/N: 087284 Serie: SPE

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit # |
|---|----------------|------|------|-----------------|
| | (29) | (30) | (31) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | ND | ND | --- |
| Dibromobiphenyl (DiBB) | ND | ND | ND | --- |
| Tribromobiphenyl (TriBB) | ND | ND | ND | --- |
| Tetrabromobiphenyl (TetraBB) | ND | ND | ND | --- |
| Pentabromobiphenyl (PentaBB) | ND | ND | ND | --- |
| Hexabromobiphenyl (HexaBB) | ND | ND | ND | --- |
| Heptabromobiphenyl (HeptaBB) | ND | ND | ND | --- |
| Octabromobiphenyl (OctaBB) | ND | ND | ND | --- |
| Nonabromobiphenyl (NonaBB) | ND | ND | ND | --- |
| Decabromobiphenyl (DecaBB) | ND | ND | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | ND | ND | --- |
| Dibromodiphenyl (DiBDE) | ND | ND | ND | --- |
| Tribromodiphenyl (TriBDE) | ND | ND | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | ND | ND | --- |
| Pentabromodiphenyl (PentaBDE) | ND | ND | ND | --- |
| Hexabromodiphenyl (HexaBDE) | ND | ND | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | ND | ND | --- |
| Octabromodiphenyl (OctaBDE) | ND | ND | ND | --- |
| Nonabromodiphenyl (NonaBDE) | ND | ND | ND | --- |
| Decabromodiphenyl (DecaBDE) | ND | ND | ND | --- |

ppm = parts per million based on dry weight of sample.

$\mu\text{g}/\text{cm}^2$ = microgram per square centimeter.

mg/kg WITH 50 cm^2 = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

These Accreditations only apply for the methods listed in such. Not accredited under EMA Ω .

Prepared and checked by :
For Intertek

Laboratory Manager

The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).

NOTE :DecaBDE IN POLYMERIC APPLICATIONS IS EXEMPTED ACCORDING TO ROHS DIRECTIVE AMENDMENT 2005/717/EC.

=ACCORDING TO IEC 62321, A POSITIVE RESULT INDICATES THE PRESENCE OF Cr(VI) COATING. IT IS THE Cr(VI) CONCENTRATION DETECTED IN THE BOILING-WATER-EXTRACTION SOLUTION AND SHOULD NOT BE INTERPRETED AS THE Cr(VI) CONCENTRATION IN THE COATING LAYER OF THE SAMPLE.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-1 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-2 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-3 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-4 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-5 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-6 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-7 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-8 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-9 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-10 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-11 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-12 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-13 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-14 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-15 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-16 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-17 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-18 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-19 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-20 WERE TESTED SEPARATELY.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-21 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-22 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-23 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-24 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-25 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-26 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-27 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-28 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-29 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-30 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-31 WERE TESTED TOGETHER.

Test method :

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|---|---|------------------------|---|--------------|---------------------|
| | Chromium VI (Cr ⁶⁺) content | With reference to USEPA Panasonic (HACH), by EPA Panasonic (HACH) (Sample 1,4) With reference to USEPA 3060, by EPA 7196 | BAL827p85 BEQ160p5b | (Sample 1,4) 2010-05-04 2010-05-01,03 | MELA,JLHS | 0,020 2,0 |

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|--|----------------------|------------------------|--------------------------|--------------|---------------------|
| | POLYBROMINATED BIPHENYLS (PBBs) | Determined by GC-MSD | 2010-004440-P CL | 2010-04-28 2010-05-22 | CONT | 50* |
| | POLYBROMINATED DIPHENYL ETHERS (PBDEs) | Determined by GC-MSD | 2010-004440-P CL | 2010-04-28 2010-05-22 | CONT | 50* |

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|-------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 6,85 |
| 2 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 3,09 |
| 3 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,808 |
| 4 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,79 |
| 5 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,630 |
| 6 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 5,000 |
| 7 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,902 |
| 8 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 5,102 |
| 9 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 5,000 |
| 10 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 9,800 |
| 11 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 10,000 |
| 12 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 7420 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 8,77 |
| 13 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,808 |
| 14 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,717 |
| 15 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,464 |
| 16 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,902 |
| 17 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 5,000 |
| 18 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,808 |
| 19 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,902 |
| 20 (a) | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 9,43 |
| 20 (b) | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,630 |
| 21 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 5,435 |
| 22 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,902 |
| 23 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 5,0 |
| 24 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,717 |
| 25 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 5,319 |
| 26 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,902 |
| 27 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,902 |
| 28 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,717 |
| 29 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,717 |
| 30 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,902 |
| 31 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,902 |

| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|----------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,369 |
| 2 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 0,617 |
| 3 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,923 |
| 4 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 0,357 |
| 5 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,852 |
| 6 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 2,000 |
| 7 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,961 |
| 8 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 2,041 |
| 9 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 2,000 |
| 10 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,961 |
| 11 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 2,000 |
| 12 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,754 |
| 13 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,923 |
| 14 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,887 |
| 15 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,786 |
| 16 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,961 |
| 17 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 2,000 |
| 18 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,923 |
| 19 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,961 |
| 20 (a) | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,887 |
| 20 (b) | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,852 |
| 21 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 2,174 |
| 22 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,961 |
| 23 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 2,000 |
| 24 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,887 |
| 25 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 2,128 |
| 26 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,961 |
| 27 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,961 |
| 28 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,887 |
| 29 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,887 |
| 30 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,961 |
| 31 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,961 |

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1^o Emisión Junio 2005, 1^o Revisión Junio 2009.

ILTA/003/GENS-FB

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| No. de Muestra | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|----------------|----------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0685 |
| 2 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0303 |
| 3 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,082 |
| 4 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0178 |
| 5 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0833 |
| 6 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0781 |
| 7 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,082 |
| 8 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0781 |
| 9 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0758 |
| 10 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0794 |
| 11 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0794 |
| 12 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0781 |
| 13 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0806 |
| 14 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0794 |
| 15 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0758 |
| 16 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,045 |
| 17 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,0758 |
| 18 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,082 |
| 19 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,082 |
| 20 (a) | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,082 |
| 20(b) | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0806 |
| 21 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,082 |
| 22 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0746 |
| 23 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0806 |
| 24 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0833 |
| 25 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0781 |
| 26 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0781 |
| 27 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0833 |
| 28 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0746 |
| 29 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0714 |
| 30 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0833 |
| 31 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0794 |



Report No.: MX10-1676

Date : 2010-08-16

RESULTS REPORT

INTERTEK TESTING SERVICES

DE MEXICO SA DE CV

LABORATORIO CD. DE MEXICO

DELIVER TO:

Littelfuse, S.A. de C.V.

Bvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38,
Piedras Negras, Coahuila

ATTENTION:

Ing. Mario Falcón / Ing. Manuel Berain

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1ª. Emisión Junio 2005, 1º Revisión Junio 26, 2009.

ILTA/003/GENS-F8

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TEST REPORT

APPLICANT

Littelfuse, S.A. de C.V.
Blvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38, Piedras Negras, Coahuila
Ing. Mario Falcón / Ing. Manuel Berain

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be :

| | |
|--------------------|---------------------|
| Sample Description | Serie L255 |
| | 1) N.P. 882-691 |
| | 2) N.P. 889-113 |
| | 3) N.P. 893-030 |
| | 4) N.P. 897-065-000 |
| | 5) N.P. 898-012-024 |
| Item No. | 6) N.P. 900-123A |
| | 7) N.P. 090198 |
| | 8) N.P. 911-039-102 |
| | 9) N.P. 916-069 |
| | 10) N.P. 927-297 |

| | |
|----------------------|--------------------------|
| Country of Origin | NP |
| Buyer's Name | NP |
| Supplier's Name | NP |
| Date sample received | 2010-07-29 |
| Testing period | 2010-08-05 to 2010-08-12 |

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| <u>Sample Number</u> | <u>Testing item</u> | <u>Conclusion</u> | <u>Failed component</u> | <u>Failed result</u> |
|----------------------|---------------------|----------------------------|-------------------------|----------------------|
| 1 | N.P. 882-691 | Pass See Result summary | --- | --- |
| 2 | N.P. 889-113 | Pass See Result summary | --- | --- |
| 3 | N.P. 893-030 | Pass See Result summary | --- | --- |
| 4 | N.P. 897-065-000 | Fail See Result summary | Lead | 43680,0 |
| 5 | N.P. 898-012-024 | Pass See Result summary | --- | --- |
| 6 | N.P. 900-123A | Pass See Result summary | --- | --- |
| 7 | N.P. 090198 | Pass See Result summary | --- | --- |
| 8 | N.P. 911-039-102 | Pass See Result summary | --- | --- |
| 9 | N.P. 916-069 | Pass See Result summary | --- | --- |
| 10 | N.P. 927-297 | Pass See Result summary | --- | --- |

TEST CONDUCTED

Samples:

- 1) N.P. 882-691
- 2) N.P. 889-113
- 3) N.P. 893-030
- 4) N.P. 897-065-000

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|---|----------------|-------|-------|-------|-----------------|
| | (1) | (2) | (3) | (4) | |
| Cadmium (Cd) content | 39,39 | 37,65 | 6,684 | 2,560 | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | 8,593 | 43680 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) Total | ND | --- | --- | --- | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | ND | --- | --- | --- | --- |
| Dibromobiphenyl (DiBB) | ND | --- | --- | --- | --- |
| Tribromobiphenyl (TriBB) | ND | --- | --- | --- | --- |
| Tetrabromobiphenyl (TetraBB) | ND | --- | --- | --- | --- |
| Pentabromobiphenyl (PentaBB) | ND | --- | --- | --- | --- |
| Hexabromobiphenyl (HexaBB) | ND | --- | --- | --- | --- |
| Heptabromobiphenyl (HeptaBB) | ND | --- | --- | --- | --- |
| Octabromobiphenyl (OctaBB) | ND | --- | --- | --- | --- |
| Nonabromobiphenyl (NonaBB) | ND | --- | --- | --- | --- |
| Decabromobiphenyl (DecaBB) | ND | --- | --- | --- | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) Total | ND | --- | --- | --- | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | ND | --- | --- | --- | --- |
| Dibromodiphenyl (DiBDE) | ND | --- | --- | --- | --- |
| Tribromodiphenyl (TriBDE) | ND | --- | --- | --- | --- |
| Tetrabromodiphenyl (TetraBDE) | ND | --- | --- | --- | --- |
| Pentabromodiphenyl (PentaBDE) | ND | --- | --- | --- | --- |
| Hexabromodiphenyl (HexaBDE) | ND | --- | --- | --- | --- |
| Heptabromodiphenyl (HeptaBDE) | ND | --- | --- | --- | --- |
| Octabromodiphenyl (OctaBDE) | ND | --- | --- | --- | --- |
| Nonabromodiphenyl (NonaBDE) | ND | --- | --- | --- | --- |
| Decabromodiphenyl (DecaBDE) | ND | --- | --- | --- | --- |

TEST CONDUCTED

Samples:

5) N.P. 898-012-024

6) N.P. 900-123A

7) N.P. 090198

8) N.P. 911-039-102

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|---|----------------|------|-------|-------|-----------------|
| | (5) | (6) | (7) | (8) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 6,722 | ND | 11,18 | 25,22 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) Total | --- | ND | --- | --- | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | --- | ND | --- | --- | --- |
| Dibromobiphenyl (DiBB) | --- | 20,0 | --- | --- | --- |
| Tribromobiphenyl (TriBB) | --- | ND | --- | --- | --- |
| Tetrabromobiphenyl (TetraBB) | --- | ND | --- | --- | --- |
| Pentabromobiphenyl (PentaBB) | --- | ND | --- | --- | --- |
| Hexabromobiphenyl (HexaBB) | --- | ND | --- | --- | --- |
| Heptabromobiphenyl (HeptaBB) | --- | ND | --- | --- | --- |
| Octabromobiphenyl (OctaBB) | --- | ND | --- | --- | --- |
| Nonabromobiphenyl (NonaBB) | --- | ND | --- | --- | --- |
| Decabromobiphenyl (DecaBB) | --- | ND | --- | --- | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) Total | --- | ND | --- | --- | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | --- | ND | --- | --- | --- |
| Dibromodiphenyl (DiBDE) | --- | ND | --- | --- | --- |
| Tribromodiphenyl (TriBDE) | --- | ND | --- | --- | --- |
| Tetrabromodiphenyl (TetraBDE) | --- | ND | --- | --- | --- |
| Pentabromodiphenyl (PentaBDE) | --- | ND | --- | --- | --- |
| Hexabromodiphenyl (HexaBDE) | --- | ND | --- | --- | --- |
| Heptabromodiphenyl (HeptaBDE) | --- | ND | --- | --- | --- |
| Octabromodiphenyl (OctaBDE) | --- | ND | --- | --- | --- |
| Nonabromodiphenyl (NonaBDE) | --- | ND | --- | --- | --- |
| Decabromodiphenyl (DecaBDE) | --- | ND | --- | --- | --- |

TEST CONDUCTED

Samples:

- 9) N.P. 916-069
- 10) N.P. 927-297

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | Limit |
|-----------------------------------|----------------|-------|-----------------|
| | (9) | (10) | |
| Cadmium (Cd) content | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 52,55 | 141,8 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | 0,1% (1000 ppm) |

ppm = parts per million based on dry weight of sample.

μg/cm² = microgram per square centimeter.

mg/kg WITH 50cm² = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

These Accreditations only apply for the methods listed in such. Not accredited under EMA Ω.

Prepared and checked by :
For Intertek

Laboratory Manager

The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).

NOTE :DecaBDE IN POLYMERIC APPLICATIONS IS EXEMPTED ACCORDING TO
ROHS DIRECTIVE AMENDMENT 2005/717/EC.

=ACCORDING TO IEC 62321, A POSITIVE RESULT INDICATES THE PRESENCE OF Cr(VI) COATING. IT IS THE Cr(VI) CONCENTRATION DETECTED IN THE BOILING-WATER-EXTRACTION SOLUTION AND SHOULD NOT BE INTERPRETED AS THE Cr(VI) CONCENTRATION IN THE COATING LAYER OF THE SAMPLE.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-1 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-2 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-3 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-4 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-5 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-6 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-7 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-8 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-9 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1676-10 WERE TESTED TOGETHER.

Test method :

| Sample Number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|---------------|---|---|------------------------|----------------|--------------|---------------------|
| 1-10 | Chromium VI (Cr ⁶⁺) content | With reference to USEPA 3060, by EPA 7196 | QHU2009-3p159,160 | 2010-08-06 | JLHS | 2,0 |

| Sample Number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|---------------|---|----------------------|------------------------|----------------|--------------|---------------------|
| 1, 6 | POLYBROMINATE D BIPHENYLS (PBBs) | Determined by GC-MSD | 2010-004627-P CL | 2010-08-12 | ▲ CONT | 50,0 |
| 1, 6 | POLYBROMINATE D DIPHENYL ETHERS (PBDEs) | Determined by GC-MSD | 2010-004627-P CL | 2010-08-12 | ▲ CONT | 50,0 |

| Sample Number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|---------------|-------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |
| 2 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |
| 3 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |
| 4 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |
| 5 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |
| 6 | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p47 | 2010-08-12 | DCL,JMR | 5,0 |
| 7 | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p48 | 2010-08-12 | DCL,JMR | 5,0 |
| 8 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |
| 9 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |
| 10 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 5,0 |

| Sample Number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|---------------|----------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |
| 2 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |
| 3 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |
| 4 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |
| 5 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |
| 6 | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p47 | 2010-08-12 | DCL,JMR | 2,0 |
| 7 | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p48 | 2010-08-12 | DCL,JMR | 2,0 |
| 8 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |
| 9 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |
| 10 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p46 | 2010-08-12 | DCL,JMR | 2,0 |

| Sample Number | Testing item | Ω Testing method | Quality control Batch: | Analysis Date: | Analyzed By: | Reporting limit ppm |
|---------------|----------------------|--|------------------------|----------------|--------------|---------------------|
| 1 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p19 | 2010-08-10 | JAPM | 0,083 |
| 2 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p18 | 2010-08-10 | JAPM | 0,083 |
| 3 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p18 | 2010-08-10 | JAPM | 0,083 |
| 4 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p18 | 2010-08-10 | JAPM | 0,083 |
| 5 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p18 | 2010-08-10 | JAPM | 0,083 |
| 6 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p15 | 2010-08-10 | JAPM | 0,083 |
| 7 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p16 | 2010-08-10 | JAPM | 0,083 |
| 8 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p18 | 2010-08-10 | JAPM | 0,083 |
| 9 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p18 | 2010-08-10 | JAPM | 0,083 |
| 10 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p19 | 2010-08-10 | JAPM | 0,083 |



Report No.: MX10-1673

Date : 2010-08-16

RESULTS REPORT

INTERTEK TESTING SERVICES

DE MEXICO SA DE CV

LABORATORIO CD. DE MEXICO

DELIVER TO:

Littelfuse, S.A. de C.V.

Bvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38,
Piedras Negras, Coahuila

ATTENTION:

Ing. Mario Falcón / Ing. Manuel Berain

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The results that appear in this report belong solely to (s) shows (s) analyzed (s).

1ª. Emisión Junio 2005, 1º Revisión Junio 26, 2009.

ILTA/003/GENS-F8

Intertek Testing Services de México, S.A. de C.V.

**Bvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863**

www.intertek.com

TEST REPORT

APPLICANT

Littelfuse, S.A. de C.V.

Blvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38, Piedras Negras, Coahuila

Ing. Mario Falcón / Ing. Manuel Berain

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be :

Sample Description Serie EV45
1) P/N 893-025
2) P/N 900-146A
Item No. 3) P/N 911-039A
4) P/N 927-285-000

Country of Origin NP

Buyer's Name NP

Supplier's Name NP

Date sample received 2010-07-29

Testing period 2010-08-04 to 2010-08-12

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| Sample Number | Testing item | Conclusion | Failed component | Failed result |
|---------------|-----------------|---------------------------------------|------------------|---------------|
| 1 | P/N 893-025 | Pass See Result summary | --- | --- |
| 2 | P/N 900-146A | Pass See Result summary | --- | --- |
| 3 | P/N 911-039A | Pass See Result summary | --- | --- |
| 4 | P/N 927-285-000 | Pass See Result summary | --- | --- |

TEST CONDUCTED

Samples:

- 1) P/N 893-025
- 2) P/N 900-146A
- 3) P/N 911-039A
- 4) P/N 927-285-000

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|---|----------------|-------|-------|-------|-----------------|
| | (1) | (2) | (3) | (4) | |
| Cadmium (Cd) content | 4,694 | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 16,11 | 5,502 | 12,97 | 443,5 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) Total | --- | ND | --- | --- | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | --- | ND | --- | --- | --- |
| Dibromobiphenyl (DiBB) | --- | ND | --- | --- | --- |
| Tribromobiphenyl (TriBB) | --- | ND | --- | --- | --- |
| Tetrabromobiphenyl (TetraBB) | --- | ND | --- | --- | --- |
| Pentabromobiphenyl (PentaBB) | --- | ND | --- | --- | --- |
| Hexabromobiphenyl (HexaBB) | --- | ND | --- | --- | --- |
| Heptabromobiphenyl (HeptaBB) | --- | ND | --- | --- | --- |
| Octabromobiphenyl (OctaBB) | --- | ND | --- | --- | --- |
| Nonabromobiphenyl (NonaBB) | --- | ND | --- | --- | --- |
| Decabromobiphenyl (DecaBB) | --- | ND | --- | --- | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) Total | -- | ND | -- | -- | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | --- | ND | --- | --- | --- |
| Dibromodiphenyl (DiBDE) | --- | ND | --- | --- | --- |
| Tribromodiphenyl (TriBDE) | --- | ND | --- | --- | --- |
| Tetrabromodiphenyl (TetraBDE) | --- | ND | --- | --- | --- |
| Pentabromodiphenyl (PentaBDE) | --- | ND | --- | --- | --- |
| Hexabromodiphenyl (HexaBDE) | --- | ND | --- | --- | --- |
| Heptabromodiphenyl (HeptaBDE) | --- | ND | --- | --- | --- |
| Octabromodiphenyl (OctaBDE) | --- | ND | --- | --- | --- |
| Nonabromodiphenyl (NonaBDE) | --- | ND | --- | --- | --- |
| Decabromodiphenyl (DecaBDE) | --- | ND | --- | --- | --- |

ppm = parts per million based on dry weight of sample.

$\mu\text{g}/\text{cm}^2$ = microgram per square centimeter.

mg/kg WITH 50 cm^2 = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

These Accreditations only apply for the methods listed in such. Not accredited under EMA Ω .

Prepared and checked by :

For Intertek

Laboratory Manager

The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).

NOTE :DecaBDE IN POLYMERIC APPLICATIONS IS EXEMPTED ACCORDING TO ROHS DIRECTIVE AMENDMENT 2005/717/EC.

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REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1673-2 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1673-3 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10-1673-4 WERE TESTED TOGETHER.

Test method :

| <u>Sample Number</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|----------------------|---|---|-------------------------------|-----------------------|---------------------|----------------------------|
| 1-4 | Chromium VI (Cr ⁶⁺) content | With reference to USEPA 3060, by EPA 7196 | QHU2010-29p22 | 2010-08-05 | MELA,MLG | 2,0 |

| <u>Sample Number</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|----------------------|---|-------------------------|-------------------------------|-----------------------|---------------------|----------------------------|
| 2 | POLYBROMINATE D BIPHENYLS (PBBs) | Determined by GC-MSD | 2010-004627-P CL | 2010-08-12 | ▲ CONT | 50,0 |
| 2 | POLYBROMINATE D DIPHENYL ETHERS (PBDEs) | Determined by GC-MSD | 2010-004627-P CL | 2010-08-12 | ▲ CONT | 50,0 |

| <u>Sample Number</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|----------------------|---------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 1 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p45 | 2010-08-12 | DCL,JMR | 5,0 |
| 2 | Lead (Pb) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p47 | 2010-08-12 | DCL,JMR | 5,0 |
| 3 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p45 | 2010-08-12 | DCL,JMR | 5,0 |
| 4 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p45 | 2010-08-12 | DCL,JMR | 5,0 |

| <u>Sample Number</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|----------------------|----------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 1 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p45 | 2010-08-12 | DCL,JMR | 2,0 |
| 2 | Cadmium (Cd) content | With reference to USEPA 3052, by EPA 6010 | MET2010-32p47 | 2010-08-12 | DCL,JMR | 2,0 |
| 3 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p45 | 2010-08-12 | DCL,JMR | 2,0 |
| 4 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-32p45 | 2010-08-12 | DCL,JMR | 2,0 |

| <u>Sample Number</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|----------------------|----------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 1 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p17 | 2010-08-10 | JAPM | 0,083 |
| 2 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p15 | 2010-08-10 | JAPM | 0,083 |
| 3 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p17 | 2010-08-10 | JAPM | 0,083 |
| 4 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-31p17 | 2010-08-10 | JAPM | 0,083 |



Report No.: MX10-0928-Serie SPF
Date : 2010-05-31

RESULTS REPORT
INTERTEK TESTING SERVICES
DE MEXICO SA DE CV
LABORATORIO CD. DE MEXICO

DELIVER TO:

Littelfuse, S.A. de C.V.
Poder Judicial No. 1005, Col. Burócratas, Piedras Negras,
Coahuila, C.P. 26020

ATTENTION: Berenice Casas / Mario Falcón

001

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Intertek Testing Services de México, S.A. de C.V.
Blvd. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec
C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863
www.intertek.com

TEST REPORT

APPLICANT

Littelfuse, S.A. de C.V.
Poder Judicial No. 1005, Col. Burócratas, Piedras Negras, Coahuila, C.P. 26020
Berenice Casas / Mario Falcón

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be :

Sample Description NP
19) P/N: 082342 Serie: SPF
28) P/N: 909-161 / 909-171 Serie: FLQ/SPF
Item No. 29) P/N: 901-182 Serie: KLKR/BLS
31) P/N: 087284 Serie: SPF

Country of Origin NP
Buyer's Name NP
Supplier's Name NP
Date sample received 2010-04-20
Testing period 2010-04-29 to 2009-05-22

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

| | Testing item | Conclusion | Failed component | Failed result |
|----|--|----------------------------|------------------|---------------|
| 19 | P/N: 082342 Serie: SPF | Pass See Result summary | --- | --- |
| 28 | P/N: 909-161 / 909-171 Serie: FLQ/SPF | Pass See Result summary | --- | --- |
| 29 | P/N: 901-182 Serie: KLKR/BLS | Pass See Result summary | --- | --- |
| 31 | P/N: 087284 Serie: SPF | Pass See Result summary | --- | --- |

002

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C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863
www.intertek.com

TEST CONDUCTED

One (1) group of submitted samples said to be :

- 19) P/N: 082342 Serie: SPF
- 28) P/N: 909-161 / 909-171 Serie: FLQ/SPF
- 29) P/N: 901-182 Serie: KLKR/BLS
- 31) P/N: 087284 Serie: SPF

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit # |
|---|----------------|------|------|------|-----------------|
| | (19) | (28) | (29) | (31) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) | --- | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | --- | ND | ND | ND | --- |
| Dibromobiphenyl (DiBB) | --- | ND | ND | ND | --- |
| Tribromobiphenyl (TriBB) | --- | ND | ND | ND | --- |
| Tetrabromobiphenyl (TetraBB) | --- | ND | ND | ND | --- |
| Pentabromobiphenyl (PentaBB) | --- | ND | ND | ND | --- |
| Hexabromobiphenyl (HexaBB) | --- | ND | ND | ND | --- |
| Heptabromobiphenyl (HeptaBB) | --- | ND | ND | ND | --- |
| Octabromobiphenyl (OctaBB) | --- | ND | ND | ND | --- |
| Nonabromobiphenyl (NonaBB) | --- | ND | ND | ND | --- |
| Decabromobiphenyl (DecaBB) | --- | ND | ND | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) | --- | ND | ND | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | --- | ND | ND | ND | --- |
| Dibromodiphenyl (DiBDE) | --- | ND | ND | ND | --- |
| Tribromodiphenyl (TriBDE) | --- | ND | ND | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | --- | ND | ND | ND | --- |
| Pentabromodiphenyl (PentaBDE) | --- | ND | ND | ND | --- |
| Hexabromodiphenyl (HexaBDE) | --- | ND | ND | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | --- | ND | ND | ND | --- |
| Octabromodiphenyl (OctaBDE) | --- | ND | ND | ND | --- |
| Nonabromodiphenyl (NonaBDE) | --- | ND | ND | ND | --- |
| Decabromodiphenyl (DecaBDE) | --- | ND | ND | ND | --- |

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Intertek Testing Services de México, S.A. de C.V.

Bldv. Manuel Ávila Camacho No. 182 Col. Lomas de Chapultepec

C.P. 11650, México, D.F. Tel.: 50912150 Fax: 55407863

www.intertek.com

ppm = parts per million based on dry weight of sample.

$\mu\text{g}/\text{cm}^2$ = microgram per square centimeter.

$\text{mg}/\text{kg WITH } 50\text{cm}^2$ = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

These Accreditations only apply for the methods listed in such. Not accredited under EMA Ω .

Prepared and checked by :

For Intertek

Vra López
[Signature]
Coord de área
Laboratory Manager



The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).

NOTE :DecaBDE IN POLYMERIC APPLICATIONS IS EXEMPTED ACCORDING TO ROHS DIRECTIVE AMENDMENT 2005/717/EC.

=ACCORDING TO IEC 62321, A POSITIVE RESULT INDICATES THE PRESENCE OF Cr(VI) COATING. IT IS THE Cr(VI) CONCENTRATION DETECTED IN TH E BOILING-WATER-EXTRACTION SOLUTION AND SHOULD NOT BE INTERPRETED AS THE Cr(VI) CONCENTRATION IN THE COATING LAYER OF THE SAMPLE.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-19 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-28 WERE TESTED TOGETHER.

REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-29 WERE TESTED TOGETHER.

REMARK: AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF
REMARK : AS REQUESTED BY THE APPLICANT, COATING WITH BASE MATERIAL OF TESTED COMPONENTS OF THE SAMPLE MX10 928-31 WERE TESTED TOGETHER.

Test method :

| <u>No. de Muestra</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|-----------------------|---|---|-------------------------------|---|---------------------|----------------------------|
| | Chromium VI (Cr ⁶⁺) content | With reference to USEPA Panasonic (HACH), by EPA Panasonic (HACH) (Sample 1,4) With reference to USEPA 3060, by EPA 7196 | BAL827p85 BEQ160p5b | (Sample 1,4) 2010-05-04 2010-05-01,03 | MELA,JLHS | 0,020 2,0 |

| <u>No. de Muestra</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|-----------------------|--|-------------------------|-------------------------------|--------------------------|---------------------|----------------------------|
| | POLYBROMINATED BIPHENYLS (PBBs) | Determined by GC-MSD | 2010-004440-P CL | 2010-04-28 2010-05-22 | CONT | 50* |
| | POLYBROMINATED DIPHENYL ETHERS (PBDEs) | Determined by GC-MSD | 2010-004440-P CL | 2010-04-28 2010-05-22 | CONT | 50* |

| <u>No. de Muestra</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|-----------------------|---------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 19 | Lead (Pb) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 4,902 |
| 28 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,717 |
| 29 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,717 |
| 31 | Lead (Pb) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 4,902 |

| <u>No. de Muestra</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|-----------------------|----------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 19 | Cadmium (Cd) content | With reference to USEPA 3050MOD, by EPA 6010 | MET2010-4p59 | 2010-04-29 | MARY,DCL | 1,961 |
| 28 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,887 |
| 29 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,887 |
| 31 | Cadmium (Cd) content | With reference to USEPA 3052MOD, by EPA 6010 | MET2010-4p60 | 2010-04-29 | MARY,DCL | 1,961 |

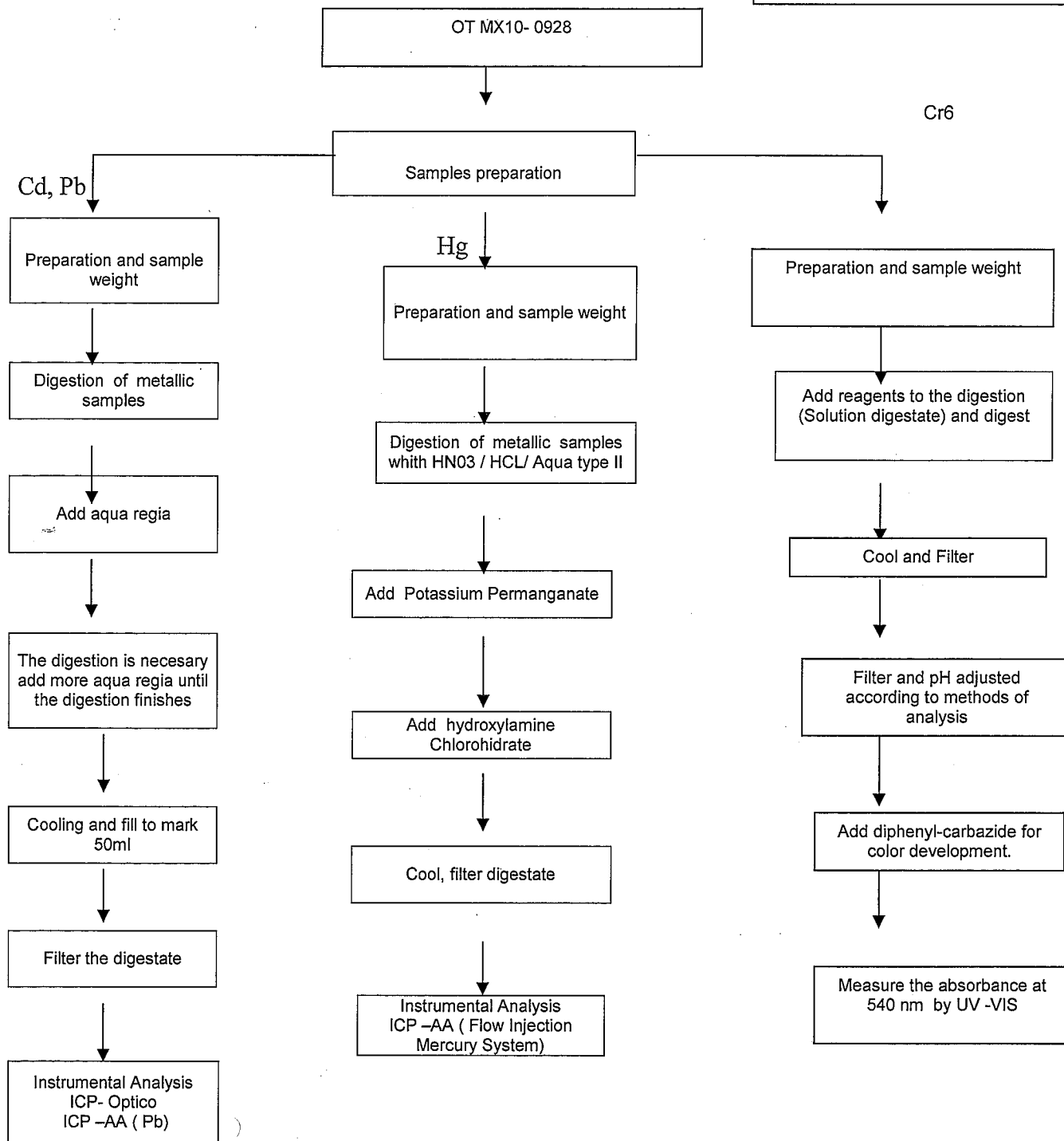
| <u>No. de Muestra</u> | <u>Testing item</u> | <u>Ω Testing method</u> | <u>Quality control Batch:</u> | <u>Analysis Date:</u> | <u>Analyzed By:</u> | <u>Reporting limit ppm</u> |
|-----------------------|----------------------|--|-------------------------------|-----------------------|---------------------|----------------------------|
| 19 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-4p61 | 2010-04-30 | UBM | 0,082 |
| 28 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0746 |
| 29 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0714 |
| 31 | Mercury (Hg) content | With reference to USEPA 7471 by USEPA 7471 | MET2010-8p2 | 2010-04-30 | UBM | 0,0794 |

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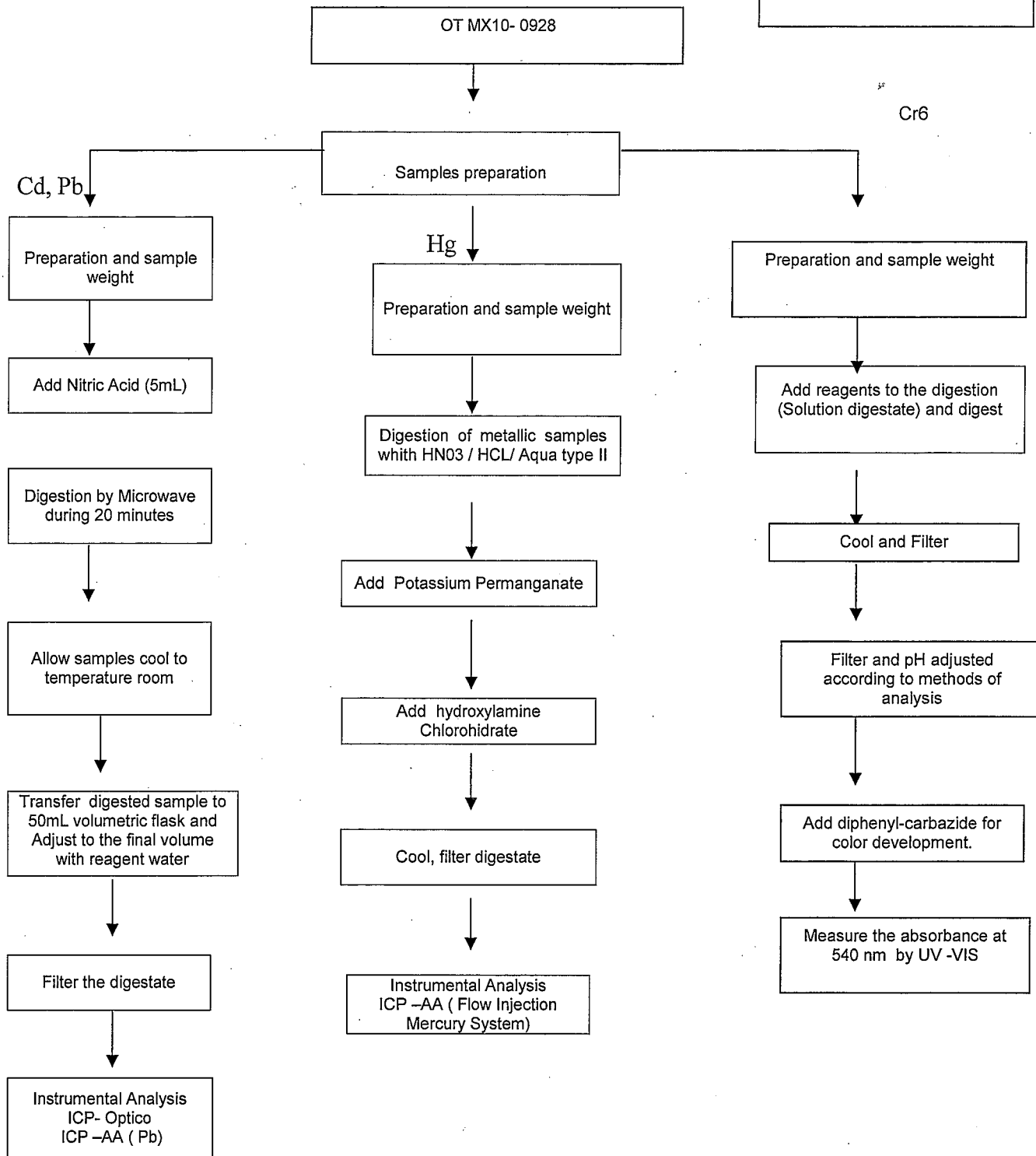


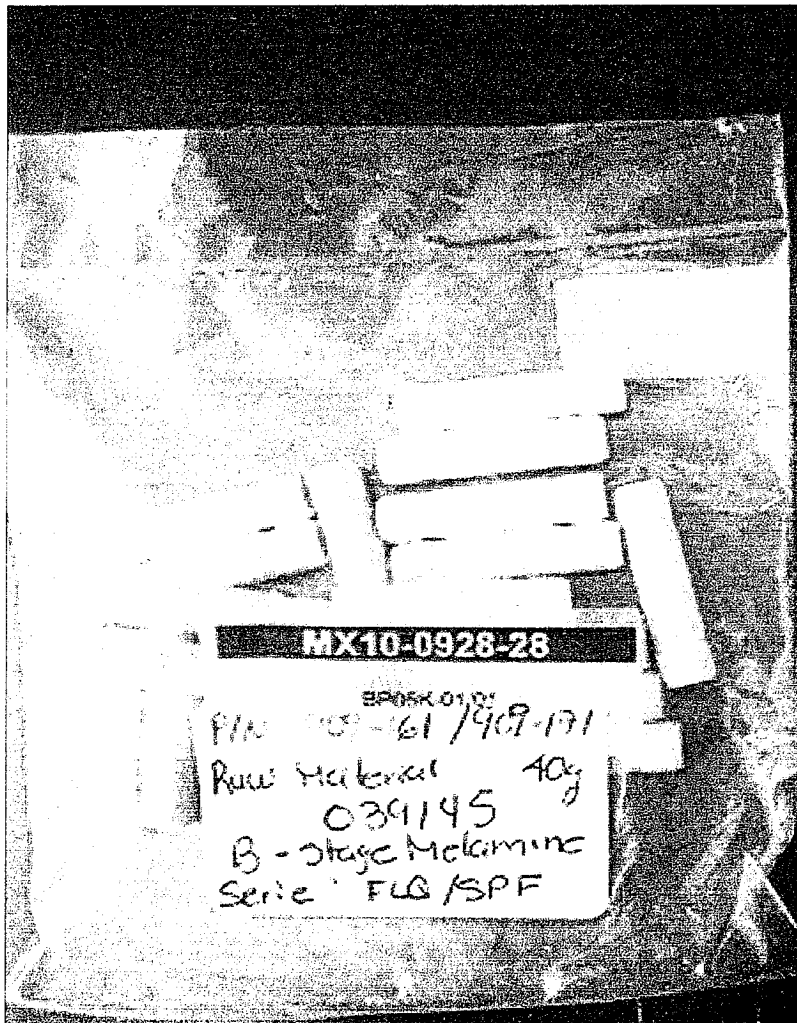
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MX10-0928-28



TEST REPORT

NUMBER: SHAH00176719

APPLICANT: LITTELFUSE, INC.
800 E. NORTHWEST HWY
ATTN: A.DIVIETRO/D.UNTIEDT

DATE: FEB 09, 2010

SAMPLE DESCRIPTION:

One (1) group of submitted samples said to be **Silvery Metal Thread.**

Part Description : Element.
Part Number : Ag Plated Cu 687xxx.
Date Sample Received : Feb.3, 2010.
Date Test Started : Feb.3, 2010.

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

TO BE CONTINUED

PREPARED AND CHECKED BY:
FOR INTERTEK TESTING SERVICES
LTD., SHANGHAI

MYRA LV
CHEMICAL DIVISION MANAGER

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
LTD., SHANGHAI

STEPHEN TSANG
GENERAL MANAGER

TEST REPORT

NUMBER: SHAH00176719

TESTS CONDUCTED

(I) Test Result Summary :

| <u>Testing Item</u> | <u>Result (ppm)</u> |
|---|---------------------|
| Heavy Metal | |
| Cadmium (Cd) content | ND |
| Lead (Pb) content | 13 |
| Mercury (Hg) content | ND |
| Chromium VI (Cr ⁶⁺) content (mg/kg with 50cm ²) | ND |

Remarks: ppm = Parts per million based on weight of tested sample =
mg/kg

ND = Not detected

mg/kg with 50cm² = milligram per kilogram with 50 square
centimetre

Responsibility Of Chemist : Dent Fang

(II) RoHS Requirement:

| <u>Restricted Substances</u> | <u>Limits</u> |
|---|----------------|
| Cadmium (Cd) Content | 0.01% (100ppm) |
| Lead (Pb) Content | 0.1% (1000ppm) |
| Mercury (Hg) Content | 0.1% (1000ppm) |
| Chromium VI (Cr ⁶⁺) Content | 0.1% (1000ppm) |

The above limits were quoted from 2002/95/EC and amendment
2005/618/EC for homogeneous material.

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00176719

TESTS CONDUCTED

(III) Test Method:

| <u>Testing Item</u> | <u>Testing Method</u> | <u>Reporting Limit</u> |
|---|---|-----------------------------------|
| Cadmium (Cd) content | With reference to IEC 62321 edition 1.0:2008 in clause 8/9/10, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES. | 2 ppm |
| Lead (Pb) content | With reference to IEC 62321 edition 1.0:2008 in clause 8/9/10, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES. | 2 ppm |
| Mercury (Hg) content | With reference to IEC 62321 edition 1.0:2008 in clause 7, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES. | 2 ppm |
| Chromium VI (Cr ⁶⁺) content | With reference to IEC 62321 edition 1.0:2008 in annex B, by boiling water extraction and determined by UV-Vis spectrophotometer. | 0.02 mg/kg with 50cm ² |

Remark: Reporting limit = Quantitation limit of analyte in sample

Date Sample Received : FEB.3, 2010

Testing Period : FEB.3, 2010 TO FEB.8, 2010

TO BE CONTINUED

TEST REPORT

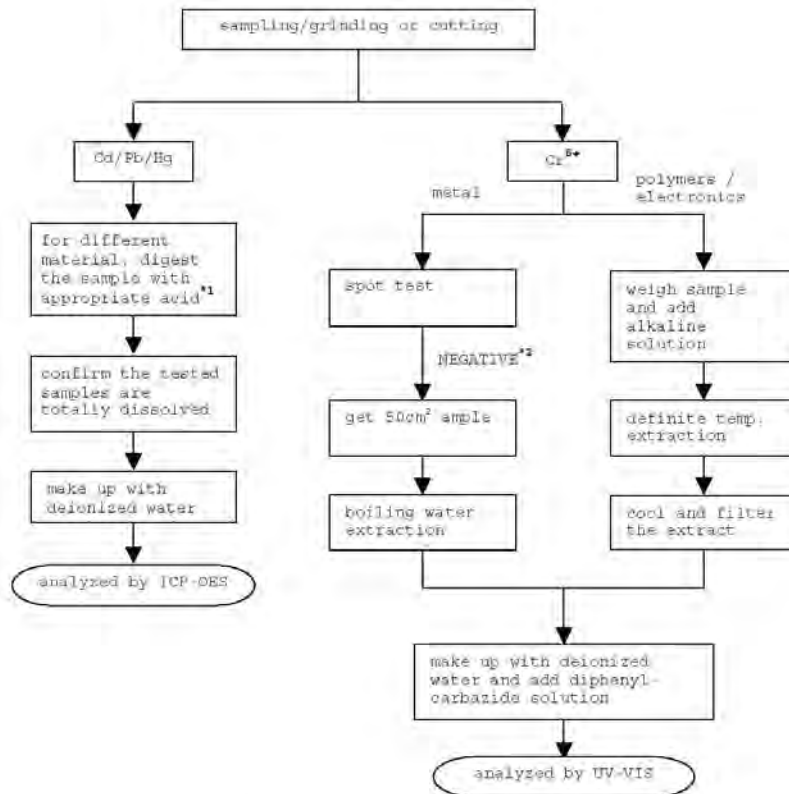
NUMBER: SHAH00176719

TESTS CONDUCTED

(IV) Measurement Flowchart:

Test For Cd/Pb/Hg/Chromium (VI)

Reference Standard: IEC 62321 edition 1.0:2008



Remarks:

***1: List Of Appropriate Acid:**

| Material | Acid Added For Digestion |
|-------------|--|
| Polymers | HNO ₃ , HCl, HF, H ₂ O ₂ , H ₃ BO ₃ |
| Metals | HNO ₃ , HCl, HF |
| Electronics | HNO ₃ , HCl, H ₂ O ₂ , HBF ₄ |

***2: If the result of spot test is positive, Chromium VI would be determined as detected.**

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00176719

TESTS CONDUCTED



END OF REPORT

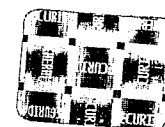
RESULTS REPORT**INTERTEK TESTING SERVICES****DE MEXICO SA DE CV****LABORATORIO CD. DE MEXICO**

DELIVER TO:

Littelfuse, S.A. de C.V.

Blvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38,
Piedras Negras, Coahuila

ATTENTION: Ing. Mario Falcón / Ing. Manuel Berain



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ILTA/003/GENS-F8

000001

TEST REPORT**APPLICANT**

Littelfuse, S.A. de C.V.

Blvd. Fausto Z. Martínez 1800, Col. Magisterio Sección 38, Piedras Negras, Coahuila

Ing. Mario Falcón / Ing. Manuel Berain

SAMPLE DESCRIPTION

One (1) group of submitted samples said to be :

Sample Description

NP

1) 082363

2) 923-080

3) 927-331

4) 909-161

5) 901-182

6) 090169

7) 927-293

8) 882-808

9) 920-521-004

10) 920-522-004

11) 927-062

12) 882-724-000

13) 882-785

14) 900-087

15) 909-570

16) 923-092-000A

17) 090190

18) 692469

19) 87280

Item No.

Country of Origin NP

Buyer's Name NP

Supplier's Name NP

Date sample received 2010-07-08

Testing period 2010-07-12 to 2010-07-19

TEST CONDUCTED

As requested by the applicant, for details please refer to attached pages.

CONCLUSION

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000002

| | Testing item | Conclusion | Failed component | Failed result |
|----|--------------|----------------------------|------------------|---------------|
| 1 | 082363 | Pass See Result summary | --- | --- |
| 2 | 923-080 | Pass See Result summary | --- | --- |
| 3 | 927-331 | Pass See Result summary | --- | --- |
| 4 | 909-161 | Pass See Result summary | --- | --- |
| 5 | 901-182 | Pass See Result summary | --- | --- |
| 6 | 090169 | Pass See Result summary | --- | --- |
| 7 | 927-293 | Pass See Result summary | --- | --- |
| 8 | 882-808 | Pass See Result summary | --- | --- |
| 9 | 920-521-004 | Pass See Result summary | --- | --- |
| 10 | 920-522-004 | Pass See Result summary | --- | --- |
| 11 | 927-062 | Pass See Result summary | --- | --- |
| 12 | 882-724-000 | Pass See Result summary | --- | --- |
| 13 | 882-785 | Pass See Result summary | --- | --- |
| 14 | 900-087 | Pass See Result summary | --- | --- |
| 15 | 909-570 | Pass See Result summary | --- | --- |
| 16 | 923-092-000A | Pass See Result summary | --- | --- |
| 17 | 090190 | Pass See Result summary | --- | --- |
| 18 | 692469 | Pass See Result summary | --- | --- |
| 19 | 87280 | Pass See Result summary | --- | --- |



TEST CONDUCTED

Samples:

- 1) 082363
- 2) 923-080
- 3) 927-331
- 4) 909-161

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|---|----------------|-------|-------|-----|-----------------|
| | (1) | (2) | (3) | (4) | |
| Cadmium (Cd) content | ND | ND | 5,41 | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | 267,7 | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | 0,09 | 0,127 | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) Total | --- | --- | --- | ND | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | --- | --- | --- | ND | --- |
| Dibromobiphenyl (DiBB) | --- | --- | --- | ND | --- |
| Tribromobiphenyl (TriBB) | --- | --- | --- | ND | --- |
| Tetrabromobiphenyl (TetraBB) | --- | --- | --- | ND | --- |
| Pentabromobiphenyl (PentaBB) | --- | --- | --- | ND | --- |
| Hexabromobiphenyl (HexaBB) | --- | --- | --- | ND | --- |
| Heptabromobiphenyl (HeptaBB) | --- | --- | --- | ND | --- |
| Octabromobiphenyl (OctaBB) | --- | --- | --- | ND | --- |
| Nonabromobiphenyl (NonaBB) | --- | --- | --- | ND | --- |
| Decabromobiphenyl (DecaBB) | --- | --- | --- | ND | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) Total | --- | --- | --- | ND | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | --- | --- | --- | 19 | --- |
| Dibromodiphenyl (DiBDE) | --- | --- | --- | 25 | --- |
| Tribromodiphenyl (TriBDE) | --- | --- | --- | ND | --- |
| Tetrabromodiphenyl (TetraBDE) | --- | --- | --- | ND | --- |
| Pentabromodiphenyl (PentaBDE) | --- | --- | --- | ND | --- |
| Hexabromodiphenyl (HexaBDE) | --- | --- | --- | ND | --- |
| Heptabromodiphenyl (HeptaBDE) | --- | --- | --- | ND | --- |
| Octabromodiphenyl (OctaBDE) | --- | --- | --- | ND | --- |
| Nonabromodiphenyl (NonaBDE) | --- | --- | --- | ND | --- |
| Decabromodiphenyl (DecaBDE) | --- | --- | --- | ND | --- |

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000004

TEST CONDUCTED

Samples:

- 5) 901-182
- 6) 090169
- 7) 927-293
- 8) 882-808

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|-----------------------------------|----------------|-----|-------|-------|-----------------|
| | (5) | (6) | (7) | (8) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | 6,13 | ND | 234,9 | 15,56 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |

TEST CONDUCTED

Samples:

- 9) 920-521-004
- 10) 920-522-004
- 11) 927-062
- 12) 882-724-000

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|-----------------------------------|----------------|------|-------|-------|-----------------|
| | (9) | (10) | (11) | (12) | |
| Cadmium (Cd) content | ND | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | 276,3 | 27,50 | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |



000000

TEST CONDUCTED

Samples:

13) 882-785

14) 900-087

15) 909-570

16) 923-092-000A

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | | Limit |
|---|----------------|-------|------|------|-----------------|
| | (13) | (14) | (15) | (16) | |
| Cadmium (Cd) content | 75,7 | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | ND | ND | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | 0,217 | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | ND | 0,1% (1000 ppm) |
| POLYBROMINATED BIPHENYLS (PBBs) Total | --- | --- | ND | --- | 0,1% (1000 ppm) |
| Monobromobiphenyl (MonoBB) | --- | --- | ND | --- | --- |
| Dibromobiphenyl (DiBB) | --- | --- | ND | --- | --- |
| Tribromobiphenyl (TriBB) | --- | --- | ND | --- | --- |
| Tetrabromobiphenyl (TetraBB) | --- | --- | ND | --- | --- |
| Pentabromobiphenyl (PentaBB) | --- | --- | ND | --- | --- |
| Hexabromobiphenyl (HexaBB) | --- | --- | ND | --- | --- |
| Heptabromobiphenyl (HeptaBB) | --- | --- | ND | --- | --- |
| Octabromobiphenyl (OctaBB) | --- | --- | ND | --- | --- |
| Nonabromobiphenyl (NonaBB) | --- | --- | ND | --- | --- |
| Decabromobiphenyl (DecaBB) | --- | --- | ND | --- | --- |
| POLYBROMINATED DIPHENYL ETHERS (PBDEs) Total | --- | --- | ND | --- | 0,1% (1000 ppm) |
| Monobromodiphenyl (MonoBDE) | --- | --- | 19 | --- | --- |
| Dibromodiphenyl (DiBDE) | --- | --- | 26 | --- | --- |
| Tribromodiphenyl (TriBDE) | --- | --- | ND | --- | --- |
| Tetrabromodiphenyl (TetraBDE) | --- | --- | ND | --- | --- |
| Pentabromodiphenyl (PentaBDE) | --- | --- | ND | --- | --- |
| Hexabromodiphenyl (HexaBDE) | --- | --- | ND | --- | --- |
| Heptabromodiphenyl (HeptaBDE) | --- | --- | ND | --- | --- |
| Octabromodiphenyl (OctaBDE) | --- | --- | ND | --- | --- |
| Nonabromodiphenyl (NonaBDE) | --- | --- | ND | --- | --- |
| Decabromodiphenyl (DecaBDE) | --- | --- | ND | --- | --- |

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ILTA/003/GENS-F8

000006

TEST CONDUCTED

One (1) group of submitted samples said to be :

17) 090190

18) 692469

19) 87280

TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

| TESTING ITEM | Ω RESULT (ppm) | | | Limit |
|-----------------------------------|----------------|-------|------|-----------------|
| | (17) | (18) | (19) | |
| Cadmium (Cd) content | ND | ND | ND | 0,01% (100 ppm) |
| Lead (Pb) content | ND | 173,1 | ND | 0,1% (1000 ppm) |
| Mercury (Hg) content | ND | ND | ND | 0,1% (1000 ppm) |
| Chromium (VI) (Cr ⁶⁺) | ND | ND | ND | 0,1% (1000 ppm) |

ppm = parts per million based on dry weight of sample.

µg/cm² = microgram per square centimeter.

mg/kg WITH 50cm² = milligram per kilogram with 50 square centimeter.

< = less than.

ND = Not detected.

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.

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Prepared and checked by :

For Intertek

Irma Lopez el
[Signature]
card de área



Laboratory Manager

The Official Mexican Standard NOM-008-SCFI-1993 establishes like separator decimal the comma (,).