

TEST REPORT

IMR Report Number 201505146

SUMMARY

One sample was received for analysis of cadmium, lead, hexavalent chromium, mercury, and bromine.

April 30, 2015

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120
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Based on the results, the sample **complies** with the MCVs for cadmium, lead, hexavalent chromium, PBB, PBDE, and mercury as specified by the EU Commission in the amendment to the RoHS Directive.

The results are below.

RESULTS

Element	Sample	RoHS MCVs
Cd	<10	100 ppm
Pb	<100	1000 ppm
Cr ⁺⁶	<1	1000 ppm
Hg	<1	1000 ppm
Br	97	1000 ppm*

PO Number
4478

Date Received
April 21, 2015

Specification(s)
EU Directive 2011/65/EU
(RoHS), maximum
concentration values
(MCVs) per Annex II

Results in ppm (parts per million).

Method(s): **Cd and Pb:** CAP-0170 (ICP-AES)
Hg: CAP-054E Direct Mercury Analyzer (DMA)
Br: CAP-043E, modified ASTM D4327-11 (IC)
Cr⁺⁶: CAP-055E (UV-VIS), based on ISO 3613

*The limit is for PBBs and PBDEs.



Reviewed by

Andrew Ensign, Supervisor
Chemistry Department

Reviewed by

Peter Damian, Director
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