

RoHS

Determination of Hazardous Substances TEST REPORT

Report No. : MTI100203002RR

Applicant : SunsignLED Opto-electronics Co., Ltd

Address : Yinxing Business Building, Xixiang Road,
Bao'an District, Shenzhen, P.R.China.

Products : LED Module

Model/P.O NO. : SSL-3528-TM2W, SSL-3528-TM3W, SSL-3528-M3W,
SSL-3528-M4W, SSL-5050-M2W, SSL-5050-M3W,
SSL-5050-SM3W, SSL-5050-SM4W, SSL-5050-RM3W

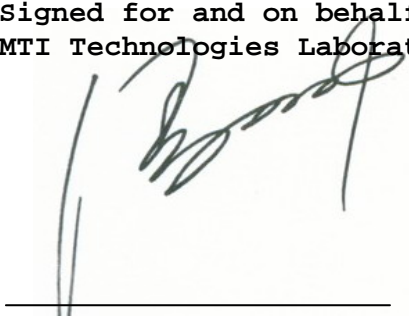
Brand Name : SunsignLED

Country of Destination : Europe

Overall Comment: The total Lead, Cadmium, Mercury, Hexavalent Chromium, Polybrominated Biphenyls and Polybrominated Diphenylethers in the submitted samples comply with the requirement of RoHS Directive 2002/95/EC, and its amendment directives.

Issue Date : Feb. 03, 2010

Signed for and on behalf of
MTI Technologies Laboratory Ltd


Fengna, Senior Manager



The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated. This Test Report is issued by the company subject to its General Conditions of service printed overleaf. This Test Report shall not be reproduced except in full, without written approval of the company.

Prepared By:

MTI Technology Laboratory Ltd

10F, Yinxing Business Hotel, Xixiang Road, Bao'an District, Shenzhen, P.R.China.

CONSOLIDATED TEST DATA REPORT

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DATA CONCLUSION:

Lead (Pb)

Cadmium (Cd)

Mercury (Hg)

Hexavalent Chromium (Cr6+)

Polybrominated Biphenyls (PBBs)

Polybrominated Diphenylethers (PBDEs)

No.	Parts / material name	Test Sample	Test Company	Report No.& Test Time	Test Data (ppm)
01	White plastic	Enclosure	SGS	SH8138342/CHEM 2008-09-25	Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D. PBBs:N.D. PBDES:N.D.
02	PCB	112B044L	SGS	CANEC0900385501 2009-02-16	Cd:N.D. Pb:17 Hg:N.D. Cr ⁶⁺ :N.D. PBBs: N.D. PBDES:N.D.
03	Silvery metal wire	Lead-free solder wire	SGS	CANEC0801321006 2008-04-03	Cd:N.D. Pb:62 Hg:N.D. Cr ⁶⁺ :N.D.
04	White /black /silver thick film chip resistor	Thick film chip resistor	SGS	KA/2008/C1428 2009-01-05	Cd:N.D. Pb:115 Hg:N.D. Cr ⁶⁺ :N.D. PBBs:N.D. PBDES:N.D.
05	Black ink	Ink	SGS	GZ0904029392/CHEM 2009-04-15	Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D.
06	Lamp-LED	Transparent body	SGS	CANEC0802259002 2008-05-15	Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D. PBBs: N.D. PBDES:N.D.
		Silvery metal pin			Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D.

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No.	Parts / material name	Test Sample	Test Comp any	Report No.& Test Time	Test Data (ppm)
07	Silver gray paste	Silver gray paste	SGS	KA/2008/10254A-01 2008-03-18	Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D. PBBS: N.D. PBDES:N.D.
08	Electronic Wire	White Jacket w/ Black Printing	SGS	CANEC0902544201 2009-05-19	Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D. PBBS: N.D. PBDES:N.D.
		Gray Jacket w/ Black Printing			Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D. PBBS: N.D. PBDES:N.D.
		Silvery Plated Metal Wire			Cd:N.D. Pb:13 Hg:N.D. Cr ⁶⁺ :N.D.
09	Cover	Green bottom	SGS	GZ0905029390/CHEM 2009-05-05	Cd:N.D. Pb:N.D. Hg:N.D. Cr ⁶⁺ :N.D. PBBS: N.D. PBDES:N.D.

Note:

- (1) N.D.= Not detected (<MDL)
- (2) MDL=Method Detection Limit
- (3) ppm = mg/kg
- (4) "-" = Not applicable
- (5) "<" = less than
- (6) Negative = Absence of CrVI coating (The test sample should be further verified by boiling-water-extraction method if the spot test result is negative or cannot be confirmed.

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PRODUCT PHOTOGRAPHS



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***** End of Report *****