

SGS Testing Korea Co., Ltd.

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Test Report

No. F690101/LF-CTS029879

Date : December 9, 2004

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LUXPIA

948-1, Dunsan-Li, Bongdong-eup, Wanju-gun,
Jeonbuk, Korea

Revision of Testing Report No. F690101/LF-CTS032558

The following merchandise was submitted and identified by the client as : -

Type of Product : LED

SGS File No. : G-49/2004-3708/5

Materials : LED

Style / Item No. : (Luxpherion) LXX10XX Series

Country of Origin : Korea

Sample Receiving Date : Dec. 01, 2004

Test Performing Date : Dec. 02, 2004

Test Performed : SGS Testing Korea tested the sample which was selected by applicant with following result.

Test Results : For further details, please refer to following page.

Remark : The Style/Item No. had changed from (High power) LXX10XX Series to (Luxpherion) LXX10XX Series by customer's request

SGS Testing Korea Co., Ltd.



Jason Han / Director

KHJ/hjp

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Heavy Metal

Items	Unit	Test Method	D.L.	Results
Cadmium (Cd)	mg/kg	USEPA 3050B, ICP-AES	0.5	n. d.
Lead (Pb)	mg/kg	USEPA 3050B, ICP-AES	5	n. d.
Mercury (Hg)	mg/kg	USEPA 3052, ICP-AES	0.5	n. d.
Hexavalent Chromium (Cr VI)	mg/kg	USEPA 3060A, UV-vis	0.16	n. d.

Flame Retardants

Items	Unit	Test Method	D.L.	Results
Polybrominated Biphenyls (PBBs)	-	-	-	-
Bromobiphenyl	mg/kg	With reference to 83/264/EEC and 2003/11/EEC. Analysis was performed by GC/MS.	5	n. d.
Dibromobiphenyl	mg/kg		5	n. d.
Tribromobiphenyl	mg/kg		5	n. d.
Tetrabromobiphenyl	mg/kg		5	n. d.
Pentabromobiphenyl	mg/kg		5	n. d.
Hexabromobiphenyl	mg/kg		5	n. d.
Heptabromobiphenyl	mg/kg		5	n. d.
Octabromobiphenyl	mg/kg		5	n. d.
Decabromobiphenyl	mg/kg		5	n. d.
Polybrominated Diphenyl Ethers (PBDEs)	-		-	-
Bromodiphenyl ether	mg/kg	With reference to 83/264/EEC and 2003/11/EEC. Analysis was performed by GC/MS.	5	n. d.
Dibromodiphenyl ether	mg/kg		5	n. d.
Tribromodiphenyl ether	mg/kg		5	n. d.
Tetrabromodiphenyl ether	mg/kg		5	n. d.
Pentabromodiphenyl ether	mg/kg		5	n. d.
Hexabromodiphenyl ether	mg/kg		5	n. d.
Heptabromodiphenyl ether	mg/kg		5	n. d.
Octabromodiphenyl ether	mg/kg		5	n. d.
Nonabromodiphenyl ether	mg/kg		5	n. d.
Decabromodiphenyl ether	mg/kg		5	n. d.

Note : n. d. = Not detected
D. L. = Detection Limit

***** End *****

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