

SGS Testing Korea Co., Ltd.

#18-34, Sanbon-dong, Gunpo-city, Kyunggi-do, Korea 435-040
Tel : 031) 428-5765~6, Fax: 031) 427-2374, InterNet>http://www.sgslab.co.kr

Test Report

No. F690101/LF-CTS031865

Date : November 18, 2004

Page 1 of 2

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

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

Type of Product : LED

SGS File No. : G-49/2004-3708/3

Materials : Silicone(A), Lead Frame(B), PPA(C)

Style / Item No. : Side View/LBH1025, LBH1026, LWH1025, LWH1026, LGH1025,
LGH1026, LWH1027, LFH1040

Sample Receiving Date : Nov. 10, 2004

Test Performing Date : Nov. 11, 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.

SGS Testing Korea Co., Ltd.



Jason Han / Director

KHJ/hjp

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Heavy Metal

Test Item	Unit	Test Method	D.L.	Result		
				(A)	(B)	(C)
Mercury (Hg)	mg/kg	USEPA 3050B, ICP-AES	0.5	n. d.	n. d.	n. d.
Hexavalent Chromium (Cr VI)	mg/kg	USEPA 3050B, ICP-AES	5	n. d.	n. d.	n. d.

Flame Retardants

Items	Unit	Test Method	D.L.	Results		
				(A)	(B)	(C)
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.	n. d.	n. d.
Dibromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.
Tribromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.
Tetrabromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.
Pentabromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.
Hexabromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.
Heptabromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.
Octabromobiphenyl	mg/kg		5	n. d.	n. d.	n. d.
Decabromobiphenyl	mg/kg		5	n. d.	n. d.	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.	n. d.	n. d.
Dibromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Tribromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Tetrabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Pentabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Hexabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Heptabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Octabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Nonabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.
Decabromodiphenyl ether	mg/kg		5	n. d.	n. d.	n. d.

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

***** End *****

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Test Report

No. F690101/LF-CTS020844

Date : July 6, 2004

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LUXPIA CO., LTD.
948-1, Dunsam-ri, Bongdong-eup, Wanju-gun,
Jeonbuk, Korea

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

Type of Product : Three samples of Led (A) Silicone (B) Lead Frame (C) PPA
SGS File No. : G-49/2004-2236/2
Buyer : LG INNOTEK
Style / Item No. : Side View / LBH1025, LBH1026, LWH1025, LWH1026, LGH1025,
LGH1026, LWH1027, LFH1040, LBW1025, LBW1025D, LBW1026
Country of Origin : Korea
Sample Receiving Date : Jun. 28, 2004
Test Performing Date : Jun. 29, 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.

SGS Testing Korea Co., Ltd.

Jason Han / Lab. Manager

KHJ/ykj

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Test Report

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Date : July 6, 2004

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Heavy Metal

Test Item	Unit	Test Method	Detection Limit	Result	
				(A)	(B)
Cadmium (Cd)	mg/kg	USEPA 3050B, ICP-AES	0.5	n. d.	n. d.
Lead (Pb)	mg/kg	USEPA 3050B, ICP-AES	5	n. d.	n. d.

Test Item	Unit	Test Method	Detection Limit	Result
				(C)
Cadmium (Cd)	mg/kg	EN1122, ICP-AES	0.5	n. d.
Lead (Pb)	mg/kg	USEPA 3050B, ICP-AES	5	n. d.

Note : n. d. = Not detected

***** End *****

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