



Survey Report

LIGHT COUNTRY CO., LTD.
10-1, NO. 102, SEC. 3, CHUNG SHAN RD., CHUNG HO
CITY, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No : CS/2006/90095

Date : 2006/09/13

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

Sample Description : R6 SERIES ROCKER SWITCHES (NON-LIT)

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Test Result(s) : - Please see the next page(s) -

This report is combined with 6 copies of test reports which hereby certified by SGS through the verification of each above certification provided by client.


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

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Test Result(s)

PART NAME NO.1 : WHITE PLASTIC GRAINS(GZ0607116679/CHEM)(HOUSIN)
(BRACKER,ROCKER)

PART NAME NO.2 : BLACK PLASTIC GRAINS + WHITE PLASTIC GRAINS + LT. GRAY PLASTIC
GRAINS(GZ0602018394/CHEM)(HOUSIN+ROCKER)

PART NAME NO.3 : GOLDEN METAL SHEET(GZ0605072953/CHEM)(TERMINAL A, B)

PART NAME NO.4 : COPPER COLORED METAL(CE/2006/56182)(MOVABLE ARM)

PART NAME NO.5 : SILVERY METAL WIRE(GZ0603039607/CHEM)(CONTAC)

PART NAME NO.6 : SILVER-WHITE METAL TERMINAL(SZTYR060305149/LP)
(PLATED, MOVABLE ARM)

Test Item(s):	Unit	Method	MDL	Result				
				NO.1	NO.2	NO.3	NO.4	NO.5
Monobromobiphenyl	%	With reference to USEPA3540C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.	---	---	---
Dibromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Tribromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Tetrabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Pentabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Hexabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Heptabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Octabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Nonabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Decabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.	N.D.	---	---	---
Monobromobiphenyl ether	%		With reference to USEPA3540C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.	---	---
Dibromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Tribromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Tetrabromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Pentabromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Hexabromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Heptabromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Octabromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Nonabromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Decabromobiphenyl ether	%	0.0005		N.D.	N.D.	---	---	---
Total PBDEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%	-		N.D.	N.D.	---	---	---
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%	-		N.D.	N.D.	---	---	---

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Test Item(s):	Unit	Method	MDL	Result				
				NO.1	NO.2	NO.3	NO.4	NO.5
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	N.D.	N.D.	N.D.	---
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.	17.0	114.0	7.4	N.D.
Chromium VI (Cr+6)	**	UV-VIS after reference to IEC 62321 Ed 1 (111/24/CD) - Section 8	0.02mg /kg with 50 cm ² surface area	---	---	---	---	Negative

Test Item(s):	Unit	Method	MDL	Result
				NO.6
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.

- NOTE: (1) N.D. = Not Detected (<MDL)
 (2) ppm = mg/kg
 (3) MDL = Method Detection Limit
 (4) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
 (6) " - " = Not Regulation
 (7) " --- " = Not Applicable
 (8) ** = Qualitative analysis (No Unit)
 (9) Negative = Undetectable / Positive = Detectable

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** End of Report **