

# Test Report

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

Report No. : CE/2005/66143C  
Date : 2005/07/05  
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**The following merchandise was (were) submitted and identified by the client as :**

Type of Product : DIP SWITCH  
Style/Item No : (F)NHDS SERIES  
Sample Received : 2005/06/28  
Testing Date : 2005/06/28 TO 2005/07/05

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**Test Result** : - Please see the next page -

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

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## Test Result

- PART NAME NO.1 : BROWN TAPE (膠帶(TAPE)) (PLEASE REFER TO THE PHOTO ATTACHED)
- PART NAME NO.2 : BLACK PLASTIC (NHPC 上蓋(COVER)) (PLEASE REFER TO THE PHOTO ATTACHED)
- PART NAME NO.3 : SILVER COLORED METAL (NHPA 彈片(CONTACT)) (PLEASE REFER TO THE PHOTO ATTACHED)
- PART NAME NO.4 : IVORY PLASTIC (NHPS 推鈕(STEM)) (PLEASE REFER TO THE PHOTO ATTACHED)
- PART NAME NO.5 : GOLDEN COLORED METAL (NHPB 端子(TERMINAL)) (PLEASE REFER TO THE PHOTO ATTACHED)
- PART NAME NO.6 : BLACK PLASTIC (NHPH 底座 (BASE)) (PLEASE REFER TO THE PHOTO ATTACHED)

Test Item (s):	Unit	Method	MDL	Result				
				No.1	No.2	No.3	No.4	No.5
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. 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.	---	N.D.	---
Dibromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Tribromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Tetrabromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Pentabromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Hexabromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Heptabromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Octabromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Nonabromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
Decabromobiphenyl	%		0.0005	N.D.	N.D.	---	N.D.	---
<b>Total PBBs (Polybrominated biphenyls)/Sum of above</b>	%		-	N.D.	N.D.	---	N.D.	---
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. 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.	---	N.D.	---
Dibromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Tribromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Tetrabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Pentabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Hexabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Heptabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Octabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Nonabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
Decabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	N.D.	---
<b>Total PBDEs (PBDEs)(Polybrominated biphenyl ethers)/Sum of above</b>	%		-	N.D.	N.D.	---	N.D.	---

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Test Item (s):	Unit	Method	MDL	Result
				No.6
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. 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.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
<b>Total PBBs (Polybrominated biphenyls)/Sum of above</b>	%		-	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. 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.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
<b>Total PBDEs (PBDEs)(Polybrominated biphenyl ethers)/Sum of above</b>	%		-	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 after reference to US EPA 3060A.	2	N.D.	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.	N.D.	19.4	N.D.	27.9

Test Item (s):	Unit	Method	MDL	Result
				No.6
Chromium VI (Cr+6)	ppm	UV-VIS 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) " - " = No Regulation  
 (5) " --- " = Not Applicable

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