

Test Report

No. : CE/2007/54509

Date : 2007/05/25

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GTM CORPORATION
NO. 17-1, TATUNG RD. FU KOU, HSIN-CHU, INDUSTRIAL PARK, HSIN-CHU, TAIWAN, R. O. C.



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

Sample Description : SOP-5 / SOP-7 / SOP-8 / SOP-10 / PSOP-8 / TSSOP-8 / MSOP-8 / MSOP-10
Sample Receiving Date : 2007/05/21
Testing Period : 2007/05/21 TO 2007/05/25

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Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.
Test Method : With reference to IEC 62321, Ed.1 111/54/CDV Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.
(1) Determination of Cadmium by ICP-AES.
(2) Determination of Lead by ICP-AES.
(3) Determination of Mercury by ICP-AES.
(4) Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
(5) Determination of Hexavalent Chromium by UV/Vis Spectrometry.
(6) Determination of PBB and PBDE by GC/MS.
Test Result(s) : Please refer to next page(s).


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

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Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result		MDL
		No.1	No.2	
Cadmium (Cd)	(1)	n.d.	n.d.	2
Lead (Pb)	(2)	7	19	2
Mercury (Hg)	(3)	n.d.	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	---	2
	(5)	---	n.d.	2
Sum of PBBs	(6)	n.d.	n.d.	-
Monobromobiphenyl		n.d.	n.d.	5
Dibromobiphenyl		n.d.	n.d.	5
Tribromobiphenyl		n.d.	n.d.	5
Tetrabromobiphenyl		n.d.	n.d.	5
Pentabromobiphenyl		n.d.	n.d.	5
Hexabromobiphenyl		n.d.	n.d.	5
Heptabromobiphenyl		n.d.	n.d.	5
Octabromobiphenyl		n.d.	n.d.	5
Nonabromobiphenyl		n.d.	n.d.	5
Decabromobiphenyl		n.d.	n.d.	5
Sum of PBDEs (Mono to Nona) (Note 4)		n.d.	n.d.	-
Monobromobiphenyl ether		n.d.	n.d.	5
Dibromobiphenyl ether		n.d.	n.d.	5
Tribromobiphenyl ether		n.d.	n.d.	5
Tetrabromobiphenyl ether		n.d.	n.d.	5
Pentabromobiphenyl ether		n.d.	n.d.	5
Hexabromobiphenyl ether		n.d.	n.d.	5
Heptabromobiphenyl ether		n.d.	n.d.	5
Octabromobiphenyl ether		n.d.	n.d.	5
Nonabromobiphenyl ether		n.d.	n.d.	5
Decabromobiphenyl ether		n.d.	n.d.	5
Sum of PBDEs (Mono to Deca)		n.d.	n.d.	-

TEST PART DESCRIPTION:

NO.1 : BLACK BODY
 NO.2 : SILVER COLORED METAL PIN

- Note :
1. mg/kg = ppm
 2. n.d. = Not Detected
 3. MDL = Method Detection Limit
 4. According to 2005/717/EC DecaBDE is exempt.
 5. "-" = Not Regulated

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** End of Report **