

Test Report

Report No : CE/2006/90239 Date : 2006/09/08

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VINCENC HOME DEVELOPMENT CO., LTD.



9F-2, NO. 7, LANE 35, SEC. 2, SAN-MIN RD., PANCHIAO
CITY, TAIPEI HSIEN, TAIWAN

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

Sample Description : LED CHIPS
Sample Received : 2006/09/01
Testing Period : 2006/09/01 TO 2006/09/08

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Test Requested : With reference to the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : (1) With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.
(2) With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.
(3) With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.
(4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UV/Vis Spectrometry.
(5) With reference to US EPA 3540C, Analysis was performed by GC/MS and screening via US EPA 3550C with HPLC/DAD/MS.

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


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

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Test Result(s)

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

Test Item (s):	Method (Refer to)	Result	MDL
		No.1	
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	25.9	2
Mercury (Hg)	(3)	n.d.	2
Chromium VI (Cr+6)	(4)	n.d.	2
Total PBBs	(5)	n.d.	-
Monobromobiphenyl		n.d.	5
Dibromobiphenyl		n.d.	5
Tribromobiphenyl		n.d.	5
Tetrabromobiphenyl		n.d.	5
Pentabromobiphenyl		n.d.	5
Hexabromobiphenyl		n.d.	5
Heptabromobiphenyl		n.d.	5
Octabromobiphenyl		n.d.	5
Nonabromobiphenyl		n.d.	5
Decabromobiphenyl		n.d.	5
Total PBBEs(PBDEs)		n.d.	-
Monobromobiphenyl ether		n.d.	5
Dibromobiphenyl ether		n.d.	5
Tribromobiphenyl ether		n.d.	5
Tetrabromobiphenyl ether		n.d.	5
Pentabromobiphenyl ether		n.d.	5
Hexabromobiphenyl ether		n.d.	5
Heptabromobiphenyl ether		n.d.	5
Octabromobiphenyl ether		n.d.	5
Nonabromobiphenyl ether		n.d.	5
Decabromobiphenyl ether	n.d.	5	
Total of Mono to Nona(Note 5)	n.d.	-	

Test Part Description

PART NAME NO.1 : MIXED ALL PARTS

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- Note :
- (1) mg/kg = ppm, 0.1% = 1000 ppm(mg/kg), 0.0005% = 5 ppm(mg/kg)
 - (2) n.d. = N.D. = ND = Not Detected
 - (3) MDL = Method Detection Limit
 - (4) Sample was totally digested for Pb, Cd, Hg
 - (5) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
 - (6) "-" = Not Regulated

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** End of Report **