

No. EC406264300

Date: Jun 14 2007

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MAYLOON ELECTRONIC CO.,LTD FLAT E, 17/F., HOUSTON IND. BLDG., 32-40 WANG LUNG STREET, **TSUEN WAN** N.T.

HONG KONG

The following sample was submitted and identified on behalf of the client as: 500MW LL-34 HERMETICALLY SEALED GLASS FAST SWITCHING DIODES TCL L4448, TCLL914B, **TCLL4148**

1082606 SGS Job No.

MAYLOON ELECTRONIC CO., LTD Supplier

CHINA Country of Origin JUN 05 2007 Date of Sample(s) Received

JUN 05 - JUN 08 2007 **Testing Period**

In accordance with RoHS Directive 2002/95/EC, and its amendment Test Requested/ directives. Test Method

With reference to EPA Method 3051A/ 3052 for Cadmium, Lead and Mercury contents. Analysis was performed by ICP.

With reference to EPA Method 3060A & 7196A for Hexavalent Chromium content. Analysis was performed by colorimetric method (UV-VIS).

With reference to EPA Method 3550C/ 3540C for PBBs/ PBDEs contents. Analysis was performed by GC-MS.

Please refer to next page. **Test Results**

Based on the performed tests on submitted sample, the results Conclusion comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of SGS Hong Kong Ltd.

Ho Ka Ting Family Senior Laboratory Executive

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Test Results:

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

	1	MDL	Limit
Cadmium (Cd)	n.d.	2	100
Lead (Pb)	9.11 X 10⁴	2	Remark
Mercury (Hg)	n.d.	2	1000
Hexavalent Chromium (CrVI) by	n.d.	2	1000
colorimetric method			
Sum of PBBs (Mono to Deca)	n.d.		1000
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	
Sum of PBDEs (Note 4)	n.d.		1000
Sum of PBDEs (Mono to Deca)	n.d.	-	
Dibromodiphenyl ether	n.d.	5	
Monobromodiphenyl ether	n.d.	5	
Tribromodiphenyl ether	n.d.	5	
Tetrabromodiphenyl ether	n.d.	5	
Pentabromodiphenyl ether	n.d.	5	
Hexabromodiphenyl ether	n.d.	5	
Heptabromodiphenyl ether	n.d.	5	
Octabromodiphenyl ether	n.d.	5	
Nonabromodiphenyl ether	n.d.	5	
Decabromodiphenyl ether	n.d.	5	

Note:

- (1) mg/kg = ppm
- (2) MDL = Method Detection Limit
- (3) n.d. = Not Detected
- (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
- (5) = Not Regulated
- (6) -- = Not Conducted

Sample Description

1 Transparent Glass w/ Orange and Black Printing w/ Coppery and Silvery Metal

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Remark:

According to the product specification [HS HV UF LL VL] claimed from [TCs Product], it is possible the source of lead in item 1 could be from the glass material of that electronic component which is exempted by RoHS regulatory (Directive 2002/95/EC of The European Parliament and of The Council of 27 January 2003). However, the numerical result of detected restricted substances in item 1 cannot be related back to the concentration of the substances in the original homogeneous material.

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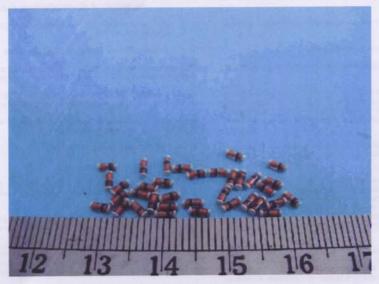
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Sample photo:

EC406264300 (Sample 1)



SGS authenticate the photo on original report only *** End Of Report ***

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