



**Test Report**

No. 2004032/EC

Date : Oct 07 2004

Page 1 of 2

LESHAN RADIO CO., LTD.  
27 WEST PEOPLE ROAD,  
LESHAN, SICHUAN,  
CHINA

Report on the submitted samples said to be SMD PACKAGE SC89.

SGS Job No. : 1620364  
SGS Ref No. : SZECO040911201EC-3.1  
Sample Receiving Date : SEP 23 2004  
Testing Period : SEP 23-OCT 05 2004

Test Requested : 1) To determine the Cadmium Content in the submitted sample.  
2) To determine the Lead Content on the submitted sample.  
3-4) To determine the Mercury and Chromium Content on the submitted sample.  
5) To determine the Hexavalent Chromium Content on the submitted sample.  
6) Determination of PBBs (polybrominated biphenyls), PBDEs (Polybrominated diphenylethers) of the submitted sample.

Test Method : 1) With reference to BS EN 1122:2001, Method B, analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
2) As specified in EPA Method 3050B. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
3-4) As specified in EPA Method 3052. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
5) As specified in EPA Method 3060A & 7196A. The samples were alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.  
6) With reference to SGS in-house method. Analysis was performed by GC/MS.

Test Results : 1-6) Please refer to next page.

Signed for and on behalf of  
SGS Hong Kong Ltd

Lee Fung Mei, Miranda  
Senior Manager



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Page 2 of 2

### Test Results

Element	Black Plastic w/ Silvery Metal
1) Cadmium (Cd)	< 2 ppm
2) Lead (Pb)	9 ppm
3) Mercury (Hg)	< 2 ppm
4) Chromium (Cr)	224 ppm
5) Hexavalent Chromium (Cr <sup>6+</sup> )	< 2 ppm

(Results shown are of the total weight of samples)

Note : < = Less than  
ppm = mg/kg

6)

Flame Retardants	Black Plastic w/ Silvery Metal	Detection Limit
<b>Polybrominated Biphenyls (PBBs)</b>	---	---
Monobromobiphenyl	ND	5 ppm
Dibromobiphenyl	ND	5 ppm
Tribromobiphenyl	ND	5 ppm
Tetrabromobiphenyl	ND	5 ppm
Pentabromobiphenyl	ND	5 ppm
Hexabromobiphenyl	ND	5 ppm
Heptabromobiphenyl	ND	5 ppm
Octabromobiphenyl	ND	5 ppm
Nonabromobiphenyl	ND	5 ppm
Decabromobiphenyl	ND	5 ppm
<b>Polybrominated Diphenylethers (PBDEs)</b>	---	---
Monobromodiphenyl ether	ND	5 ppm
Dibromodiphenyl ether	ND	5 ppm
Tribromodiphenyl ether	ND	5 ppm
Tetrabromodiphenyl ether	ND	5 ppm
Pentabromodiphenyl ether	ND	5 ppm
Hexabromodiphenyl ether	ND	5 ppm
Heptabromodiphenyl ether	ND	5 ppm
Octabromodiphenyl ether	ND	5 ppm
Nonabromodiphenyl ether	ND	5 ppm
Decabromodiphenyl ether	ND	5 ppm

Note: ND = Not Detected

Non-detected is lower than detection limit value.

\*\*\* End of Report \*\*\*