

SCIENTIFIC HONG KONG CO.  
ROOM 2209, WORKINGBERG COMMERCIAL BLDG.,  
41-47 MARBLE ROAD, NORTH POINT, HONG KONG

This report is to supersede test report number 2031932/EC.

Report on the submitted sample said to be PIR SENSOR.

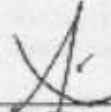
SGS Job No. : 1830248  
Sample Receiving Date : AUG 01 2005  
Testing Period : AUG 01 - 08 2005

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

Test Method : 1-3) With reference to SGS in-house Method. The sample was digested by acid. Analysis was performed by Inductively Coupled Argon Plasma - Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.  
4) With reference to EPA Method 3060A & 7196A. The sample was alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.  
5) With reference to SGS in-house method. Analysis was performed by GC/MS or LC/MS.

Test Results : 1-5) Please refer to next page.

Signed for and on behalf of  
SGS Hong Kong Ltd

  
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Ho Ka Fing, Family  
Laboratory Executive

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## Test Report

No. 2033766/EC

Date : Aug 18 2005

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### Test Results

Test Item	1	2	3	Detection Limit
1) Cadmium (Cd)	ND	ND	19 ppm	2 ppm
2) Lead (Pb)	ND	7 ppm	6291 ppm	2 ppm
3) Mercury (Hg)	ND	ND	ND	2 ppm
4) Hexavalent Chromium (Cr <sup>6+</sup> )	ND	ND	ND	2 ppm

(Results shown are of the total weight of samples)

Note : ppm = mg/kg

ND = Not Detected

Not detected was reported when the reading is less than detection limit value

5)

Flame Retardants	1	2	3	Detection Limit
<b>Polybrominated Biphenyls (PBBs)</b>	---	---	---	---
Monobromobiphenyl	ND	ND	ND	5 ppm
Dibromobiphenyl	ND	ND	ND	5 ppm
Tribromobiphenyl	ND	ND	ND	5 ppm
Tetrabromobiphenyl	ND	ND	ND	5 ppm
Pentabromobiphenyl	ND	ND	ND	5 ppm
Hexabromobiphenyl	ND	ND	ND	5 ppm
Heptabromobiphenyl	ND	ND	ND	5 ppm
Octabromobiphenyl	ND	ND	ND	5 ppm
Nonabromobiphenyl	ND	ND	ND	5 ppm
Decabromobiphenyl	ND	ND	ND	5 ppm
<b>Polybrominated Diphenylethers (PBDEs)</b>	---	---	---	---
Monobromodiphenyl ether	ND	ND	ND	5 ppm
Dibromodiphenyl ether	ND	ND	ND	5 ppm
Tribromodiphenyl ether	ND	ND	ND	5 ppm
Tetrabromodiphenyl ether	ND	ND	ND	5 ppm
Pentabromodiphenyl ether	ND	ND	ND	5 ppm
Hexabromodiphenyl ether	ND	ND	ND	5 ppm
Heptabromodiphenyl ether	ND	ND	ND	5 ppm
Octabromodiphenyl ether	ND	ND	ND	5 ppm
Nonabromodiphenyl ether	ND	ND	ND	5 ppm
Decabromodiphenyl ether	ND	ND	ND	5 ppm

Note : ppm = mg/kg

ND = Not Detected

Not detected was reported when the reading is less than detection limit value.

### Sample Description :

1. Silvery Metal (Body)
2. Silvery Metal w/ Red Printing (Base + Pin)
3. White Ceramic w/ Brown and Red Coating w/ Black Plastic (Sensor Body) w/ Silvery Grey Glass (Film)

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