

## Test Report

No. SH9024149/ CHEM

Date: Feb. 24, 2009

Page 1 of 7

TOPBEST ASIA PACIFIC LIMITED  
JIAHUI ROAD, DA LONG INDUSTRIAL AREA, GUANJING TOU, FENGGANG TOWN, DONGGUAN, CHINA.

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

Sample Name : PLASTIC PIGMENT  
SGS Ref No. : SZ11601527-42.15  
Buyer : SONY  
Sample information : H202, H203, H226, H241, H242, H246, H248, A700, A700D, A701, R800, R801 MIXTURE

Sample Receiving Date : Feb.20, 2009  
Testing Period : Feb.20 - 24, 2009

Test Requested : With reference to SONY SS-00259  
(1) To determine Cadmium, Lead and Mercury content in the submitted sample.  
(2) To determine Hexavalent Chromium content in the submitted sample.  
(3) To determine PBBs/PBDEs content in the submitted sample.

Test Method : (1) With reference to US EPA Method 3052 for Cadmium, Lead and Mercury content for sample.  
Analysis was performed by ICP and AAS.  
(2) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium content for sample.  
Analysis was performed by UV/Vis Spectrophotometer.  
(3) With reference to US EPA Method 3540C/3550C for PBBs / PBDEs content.  
Analysis was performed by GC/MS.

Test Results : Please refer to next pages

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Sandy Hao  
Lab Manager

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Page 2 of 7

Test results by chemical method:

Test Item(s)	1	Unit	MDL
Cadmium (Cd)	ND	mg/kg	2
Lead (Pb)	ND	mg/kg	2
Mercury (Hg)	ND	mg/kg	2
Hexavalent Chromium (Cr VI)	ND	mg/kg	2
Sum of PBBs	ND	mg/kg	--
Monobromobiphenyl	ND	mg/kg	5
Dibromobiphenyl	ND	mg/kg	5
Tribromobiphenyl	ND	mg/kg	5
Tetrabromobiphenyl	ND	mg/kg	5
Pentabromobiphenyl	ND	mg/kg	5
Hexabromobiphenyl	ND	mg/kg	5
Heptabromobiphenyl	ND	mg/kg	5
Octabromobiphenyl	ND	mg/kg	5
Nonabromobiphenyl	ND	mg/kg	5
Decabromobiphenyl	ND	mg/kg	5
Sum of PBDEs	ND	mg/kg	--
Monobromobiphenyl ether	ND	mg/kg	5
Dibromobiphenyl ether	ND	mg/kg	5
Tribromobiphenyl ether	ND	mg/kg	5
Tetrabromobiphenyl ether	ND	mg/kg	5
Pentabromobiphenyl ether	ND	mg/kg	5
Hexabromobiphenyl ether	ND	mg/kg	5
Heptabromobiphenyl ether	ND	mg/kg	5
Octabromobiphenyl ether	ND	mg/kg	5
Nonabromobiphenyl ether	ND	mg/kg	5
Decabromobiphenyl ether	ND	mg/kg	5

**Test Part Description:**

1. Red-brown powder

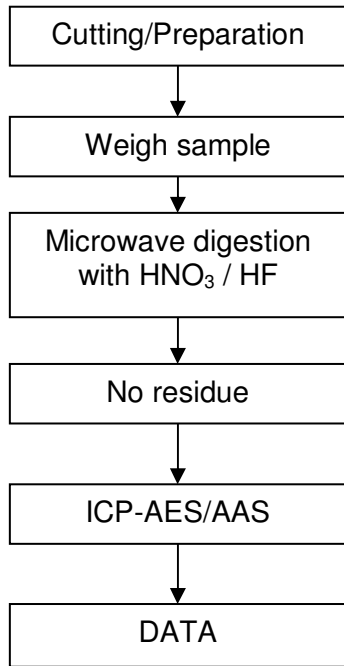
**Note:**

- (1) mg/kg = ppm
- (2) MDL = Method Detection Limit
- (3) ND = Not detected (Less than MDL)

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**ATTACHMENTS**

Cd and Pb Measurement Flowchart for sample



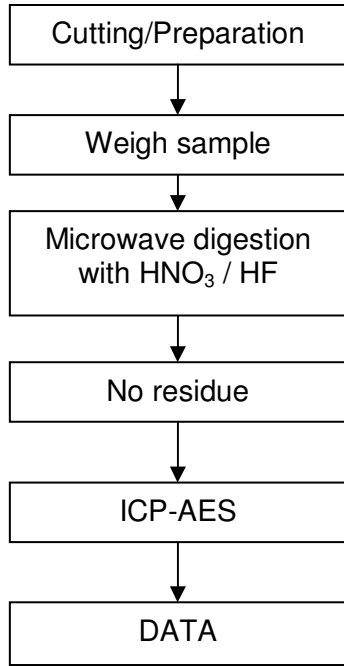
The samples were dissolved totally by pre-conditioning method according to above flow chart.

Tested by : Chaven Lian  
 Checked by : Terry Wang

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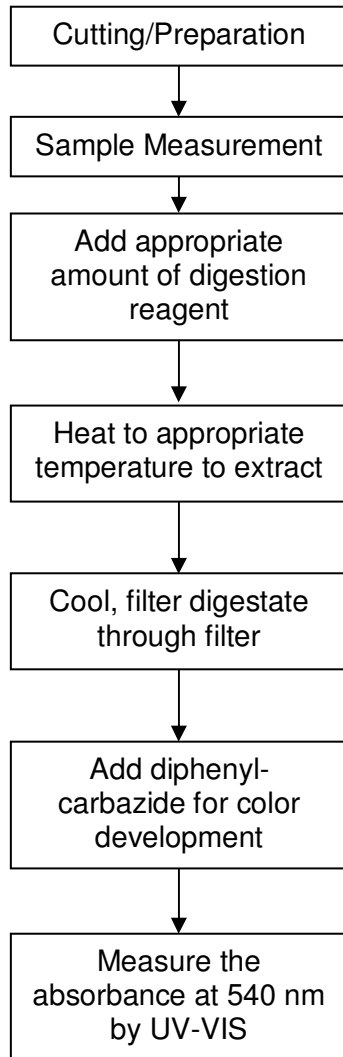
Hg Measurement Flowchart for sample



Tested by : Chaven Lian  
 Checked by : Terry Wang

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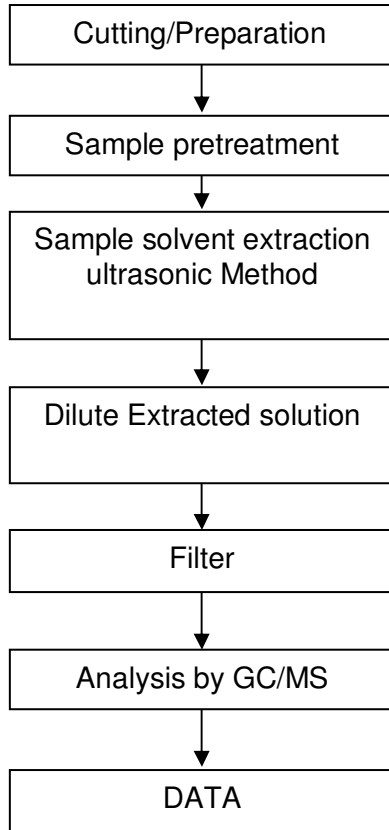
### CrVI Measurement Flowchart for sample



Tested by : Frank Fang  
Checked by : Terry Wang

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PBBs/PBDEs Measurement Flowchart for sample



Tested by : Elim Lin  
 Checked by : Phoebe Shen

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Sample photo:



SGS authenticate the photo on original report only

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

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