

# Test Report

Report No. RLSHC000293610001-1

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Applicant JIANGSU SUNCHEM CHEMICALS INDUSTRY CO., LTD

Address JIASHENG NAN ROAD NO. 1,JIANGYIN CITY, JIANGSU PROVINCE

### Report on the submitted sample(s) said to be

Sample Name Expandable Polystyrene  
Sample Description Colorless transparent plastic particle  
Part No. A料  
Sample Received Date May. 5, 2010  
Testing Period May. 5, 2010 to May. 8, 2010

**Test Requested** To determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) content in the submitted sample according to the request of client.

### Test Method

Test Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.10	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.10	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg

**Test Result(s)** Please refer to the following page(s).

Tested by Chen Lijuan

Inspected by Zhong Lijun

Approved by Chen Qian  
Technical Manager

Date May. 13, 2010  
No. 94635391



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**Test Result(s)**

Tested Item(s)	Content
Lead(Pb)	N.D.
Cadmium (Cd)	N.D.
Mercury(Hg)	N.D.
Hexavalent Chromium (Cr(VI))	N.D.
Tested Item(s)	Content
<b>Polybrominated Biphenyls (PBBs)</b>	
Monobromobiphenyl	N.D.
Dibromobiphenyl	N.D.
Tribromobiphenyl	N.D.
Tetrabromobiphenyl	N.D.
Pentabromobiphenyl	N.D.
Hexabromobiphenyl	N.D.
Heptabromobiphenyl	N.D.
Octabromobiphenyl	N.D.
Nonabromobiphenyl	N.D.
Decabromobiphenyl	N.D.
Tested Item(s)	Content
<b>Polybrominated Diphenyl Ethers (PBDEs)</b>	
Monobromodiphenyl ether	N.D.
Dibromodiphenyl ether	N.D.
Tribromodiphenyl ether	N.D.
Tetrabromodiphenyl ether	N.D.
Pentabromodiphenyl ether	N.D.
Hexabromodiphenyl ether	N.D.
Heptabromodiphenyl ether	N.D.
Octabromodiphenyl ether	N.D.
Nonabromodiphenyl ether	N.D.
Decabromodiphenyl ether	N.D.

**Note:** The sample had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL )

-mg/kg = ppm = parts per million

**-This report replaces report RLSHC000293610001. Report RLSHC000293610001 is terminated.**

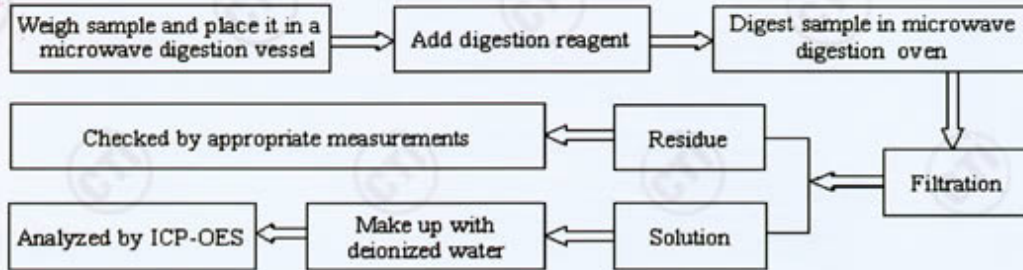
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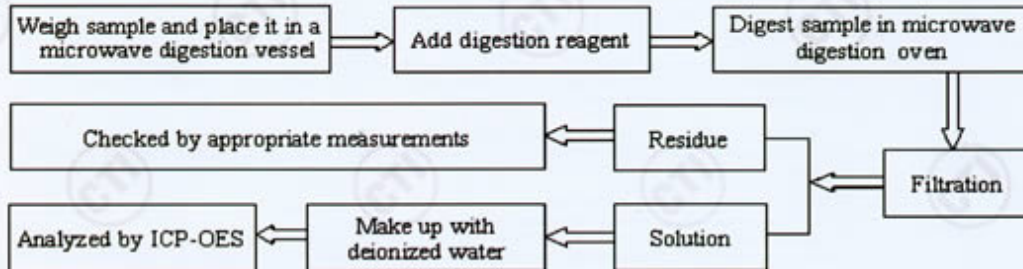
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## Test Process

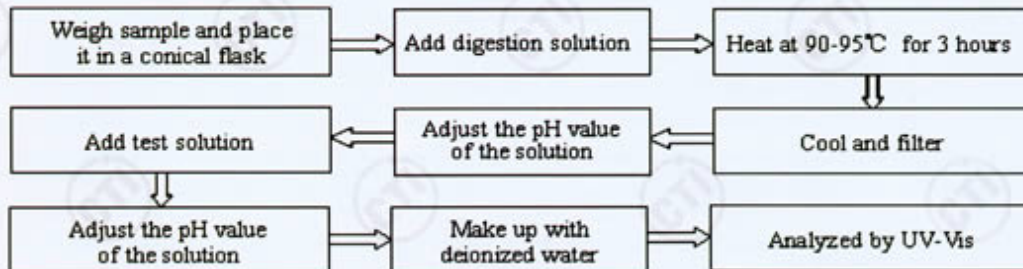
### 1. Lead(Pb), Cadmium(Cd)



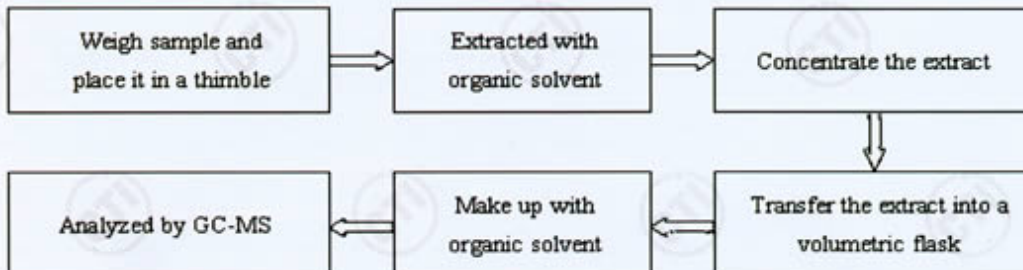
### 2. Mercury(Hg)



### 3. Hexavalent Chromium (Cr(VI))



### 4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



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## Photo(s) of the sample(s)



\*\*\* End of report \*\*\*

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