

# Test Report

**Report No.** SCL01J039867001

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**Applicant** ALENT ALPHA METALS (SHENZHEN) CO.,LTD

**Address** TANGXIAYONG VILLAGE SONGGANG TOWN BAOAN DISTRICT SHENZHEN CITY.

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

Sample Name SAC305 OM338PT Solder Paste  
Item/Lot No. 30135813WL  
Sample Received Date Jun. 13, 2017  
Testing Period Jun. 13, 2017 to Jun. 14, 2017

**Test Requested** As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs) in the submitted sample(s).

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

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

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**Conclusion**

Tested Sample	According to directive	Result
Submitted Sample	2011/65/EU	Pass

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Pass means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU.



Tested by EZ Yan

Approved by Hill Zheng

Hill Zheng  
Technical Manager

Reviewed by Danna Yan

Date Jun. 14, 2017

No. R289336528

Centre Testing International Group Co.,Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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**Test Method**

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
Hexavalent Chromium(Cr(VI))	IEC 62321-7-2:2017	UV-Vis
Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321-6:2015	GC-MS

**Test Result(s)**

Tested Item(s)	Result	MDL	Limit of Directive 2011/65/EU
Lead (Pb)	17 mg/kg	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

Tested Item(s)	Result	MDL	Limit of Directive 2011/65/EU
<b>Polybrominated Biphenyls(PBBs)</b>			
Monobromobiphenyl	N.D.	5 mg/kg	1000 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg	
Tribromobiphenyl	N.D.	5 mg/kg	
Tetrabromobiphenyl	N.D.	5 mg/kg	
Pentabromobiphenyl	N.D.	5 mg/kg	
Hexabromobiphenyl	N.D.	5 mg/kg	
Heptabromobiphenyl	N.D.	5 mg/kg	
Octabromobiphenyl	N.D.	5 mg/kg	
Nonabromobiphenyl	N.D.	5 mg/kg	
Decabromobiphenyl	N.D.	5 mg/kg	

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Tested Item(s)	Result	MDL	Limit of Directive 2011/65/EU
<b>Polybrominated Diphenyl Ethers(PBDEs)</b>			
Monobromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg	
Tribromodiphenyl ether	N.D.	5 mg/kg	
Tetrabromodiphenyl ether	N.D.	5 mg/kg	
Pentabromodiphenyl ether	N.D.	5 mg/kg	
Hexabromodiphenyl ether	N.D.	5 mg/kg	
Heptabromodiphenyl ether	N.D.	5 mg/kg	
Octabromodiphenyl ether	N.D.	5 mg/kg	
Nonabromodiphenyl ether	N.D.	5 mg/kg	
Decabromodiphenyl ether	N.D.	5 mg/kg	

**Tested Sample/Part Description** Gray paste

**Remark:** The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million

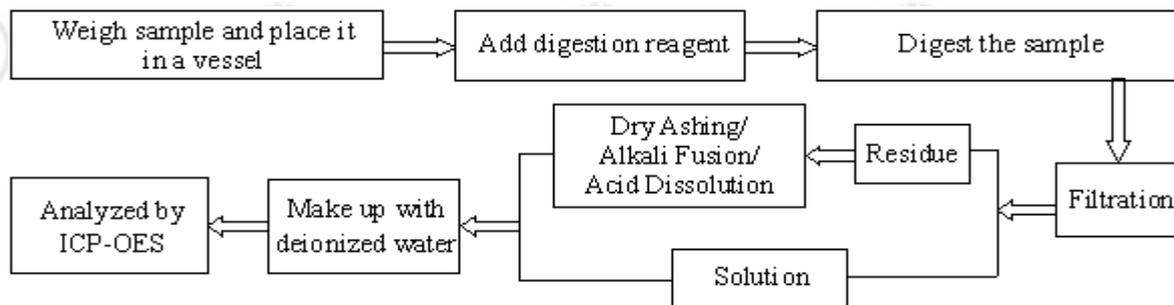
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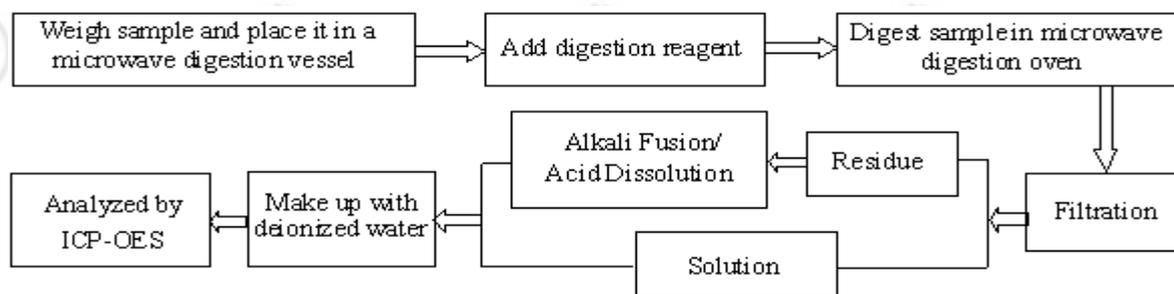
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## Test Process

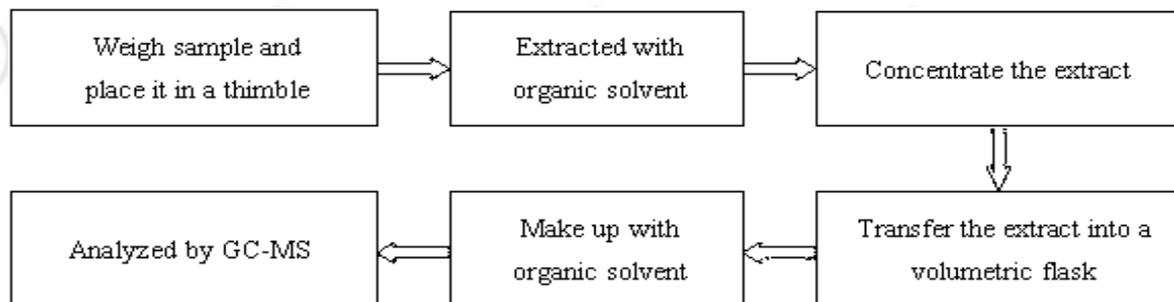
### 1. Lead (Pb), Cadmium (Cd)



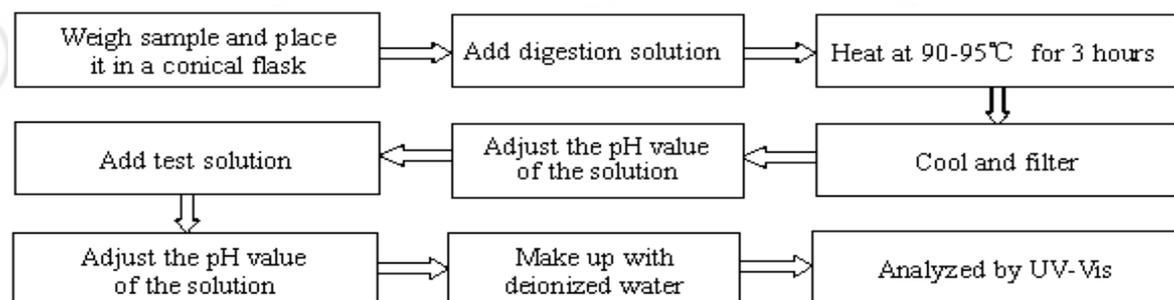
### 2. Mercury (Hg)



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



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



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



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

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