

Test Report

Report No. SCL01J039867001 Page 1 of 5

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).

Conclusion

 Tested Sample
 According to directive
 Result

 Submitted Sample
 2011/65/EU
 Pass

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

Fliv Zherg

Hill Zheng

Technical Manager

Reentie Testing International Group Co., Ltd.

Reviewed by

Date

Jun. 14, 2017

No. R289336528

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China





Report No. SCL01J039867001

Page 2 of 5

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)

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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
Polybrominated Biphenyls(PBBs)	(6,2)	(6)	
Monobromobiphenyl	N.D.	5 mg/kg	
Dibromobiphenyl	N.D.	5 mg/kg	
Tribromobiphenyl	N.D.	5 mg/kg	- 1000 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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Test Report

Report No. SCL01J039867001

Page 3 of 5

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Tested Item(s)	Result	MDL	Limit of Directive 2011/65/EU
Polybrominated Diphenyl Ethers(P	BDEs)		
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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Adjust the pH value

of the solution

Test Report

Page 4 of 5 SCL01J039867001 Report No. **Test Process** Lead (Pb), Cadmium (Cd) Weigh sample and place it Add digestion reagent Digest the sample in a vessel Dry Ashing/ Alkali Fusion/ Residue Acid Dissolution Filtration Make up with Analyzed by ICP-OES deionized water Soluti on 2. Mercury (Hg) Weigh sample and place it in a Digest samplein microwave Add digestion reagent microwave digestion vessel digestion oven Alkali Fusion/ Residue AcidDissolution Make up with Analyzed by Filtration deionized water ICP-OES Solution 3. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs) Weigh sample and Extracted with Concentrate the extract place it in a thimble organic solvent Make up with Transfer the extract into a Analyzed by GC-MS organic solvent volumetric flask **Hexavalent Chromium(Cr(VI))** Weigh sample and place Add digestion solution Heat at 90-95℃ for 3 hours it in a conical flask Adjust the pH value Add test solution Cool and filter of the solution



Make up with

deionized water

Analyzed by UV-Vis



Test Report

Report No. SCL01J039867001

Page 5 of 5

Photo(s) of the sample(s)



*** End of report ***

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