

Test Report

Report No.:SHR0907083030K002

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Applicant :YANTAI E.S.T SILICONE TECH CO.,LTD

Address :89 Huanhai Road, Yantai China

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

Sample Name :Silicone

Sample Description :Red silicone

Part No. :TSR-1070U(RED)

Material :Silicone rubber compound

Manufacturer :YANTAI E.S.T SILICONE TECH CO.,LTD

Sample Received Date :Jul.8,2009

Testing Period :Jul.8,2009 to Jul.13,2009

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

Test Method:

Tested Item	Pretreatment Method	Measured Equipment	Report Limit
Lead (Pb)	Refer to IEC 62321:2008 Ed.1 Sec.10	ICP-OES	2 mg/kg
Cadmium (Cd)	Refer to IEC 62321:2008 Ed.1 Sec.10	ICP-OES	2 mg/kg
Mercury (Hg)	Refer to IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
Hexavalent Chromium (Cr(VI))	Refer to IEC 62321:2008 Ed.1 Annex C	UV-Vis	2 mg/kg
Polybrominated Biphenyls (PBBs)	Refer to IEC 62321:2008 Ed.1Annex A	GC-MS	5 mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	Refer to IEC 62321:2008 Ed.1Annex A	GC-MS	5 mg/kg
Chlorine (Cl)	Refer to BS EN 14582:2007	IC	10mg/kg
Bromine (Br)	Refer to BS EN 14582:2007	IC	10mg/kg

Test Result: Please refer to following pages.

Tested by



Approved by

chen dian

Technical Manager

Inspected by

Zhong Yijun

Date

Jul.13,2009

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Test Result:

Tested Item	Content
Lead (Pb)	N.D.
Cadmium (Cd)	N.D.
Mercury (Hg)	N.D.
Hexavalent Chromium (Cr(VI))	N.D.

Tested Item	Content
Polybrominated Biphenyls(PBBs)	
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.
Polybrominated Diphenyl Ethers(PBDEs)	
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.

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Tested Item	Content
Halogen	
Chlorine (Cl)	N.D.
Bromine (Br)	N.D.

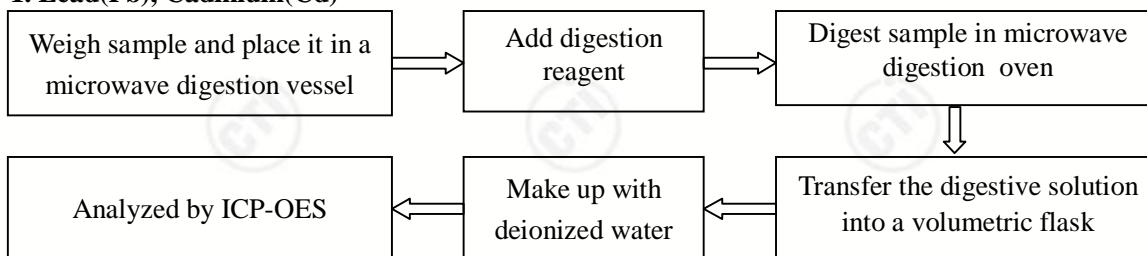
Note : The sample had been dissolved totally tested for Lead, Cadmium, Mercury.

-N.D. = Not Detected (<report limit).

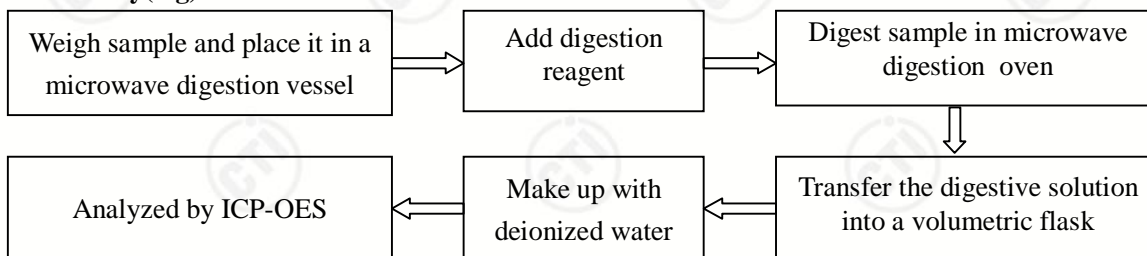
-mg/kg=ppm =parts per million.

Test Process :

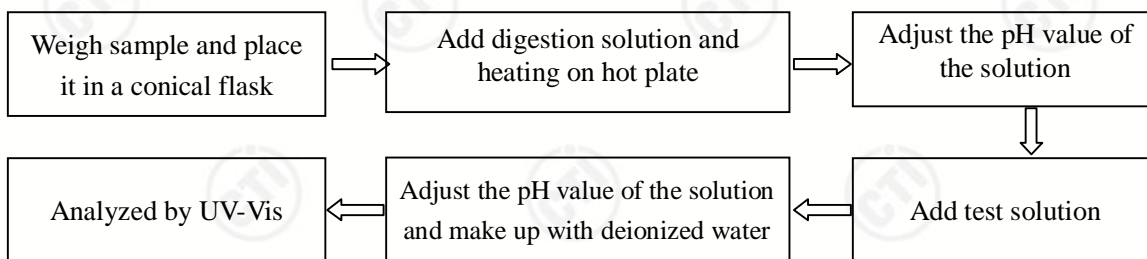
1. Lead(Pb), Cadmium(Cd)



2. Mercury(Hg)



3. Hexavalent Chromium (Cr(VI))

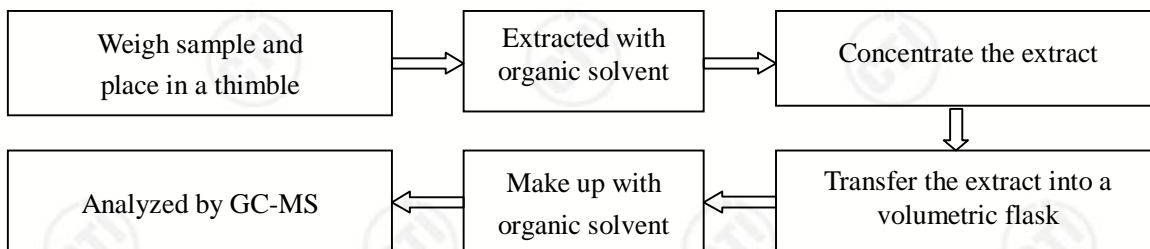


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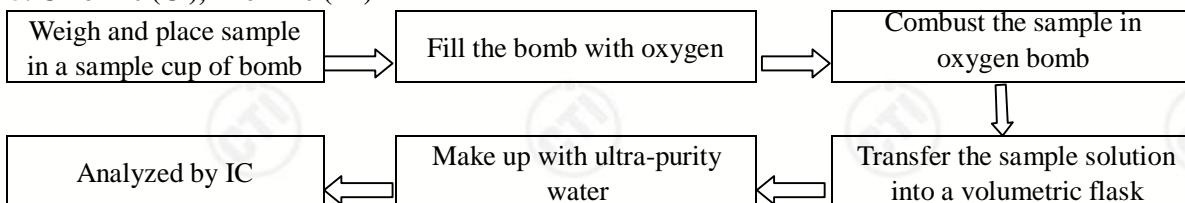
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4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



5. Chlorine (Cl), Bromine (Br)



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Photo of the sample



*** End of report ***

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