

Test Report

Report No.:SHR0907083030K001

Page 1 of 5

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 :Black silicone

Part No. :TSR-1070U(B/K)

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

Chen Dian

Inspected by

Zhong Yijun

Approved by

Chen Dian

Date

Jul.13,2009

Technical Manager

Test Report

Report No.:SHR0907083030K001

Page 2 of 5

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.

Test Report

Report No.:SHR0907083030K001

Page 3 of 5

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

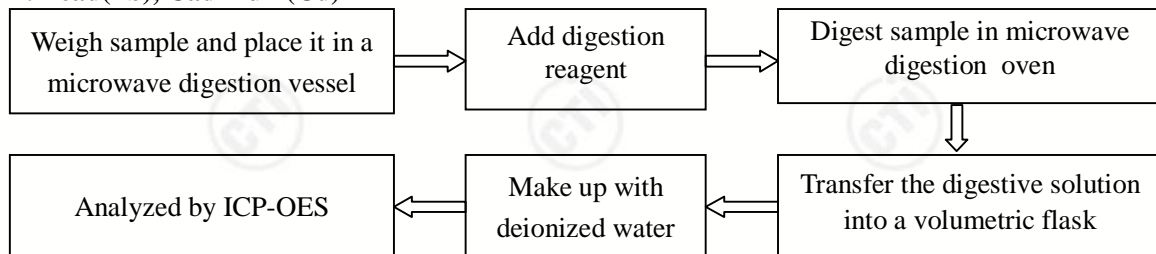
Note : The sample had been dissolved totally tested for Lead, Cadmium, Mercury.

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

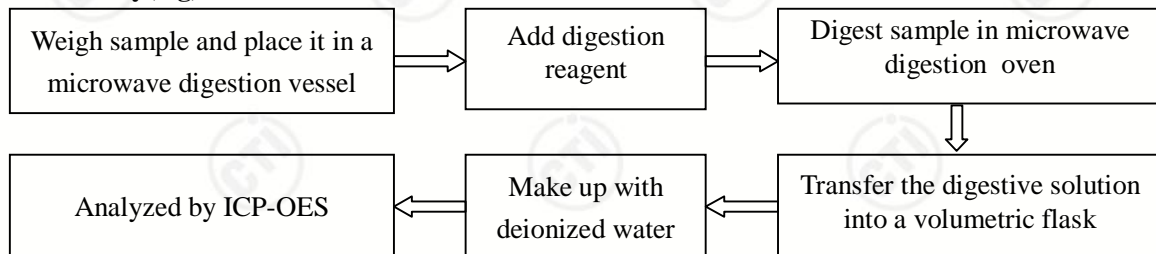
-mg/kg=ppm =parts per million.

Test Process :

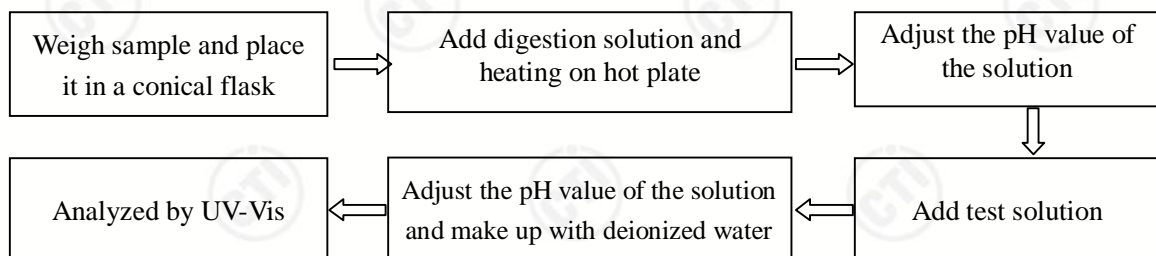
1. Lead(Pb), Cadmium(Cd)



2. Mercury(Hg)



3. Hexavalent Chromium (Cr(VI))

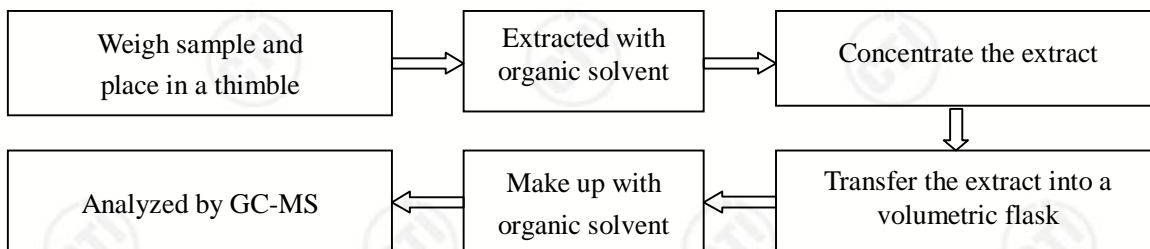


Test Report

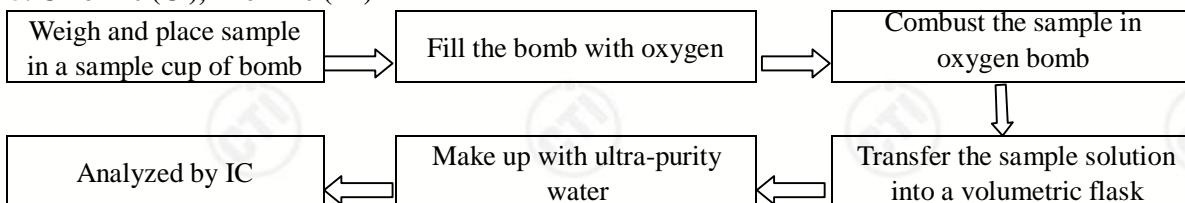
Report No.:SHR0907083030K001

Page 4 of 5

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



5. Chlorine (Cl), Bromine (Br)



Test Report

Report No.:SHR0907083030K001

Page 5 of 5

Photo of the sample



*** End of report ***

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