



Test Report

Applicant name:	Shenzhen Esun Industrial Co., Ltd.
Applicant address:	Wuhan University Building A403-I, No.6 Yuexing 2 Road, Nanshan District, Shenzhen, Guangdong, China

Sample information:

Sample Name:	eEnclosure
Sample Model:	A-1, A-2, A-3, A-4
Trade mark :	N/A
Manufacturer:	Shenzhen Esun Industrial Co., Ltd. Wuhan University Building A403-I, No.6 Yuexing 2 Road, Nanshan District, Shenzhen, Guangdong, China
Sample Received Date:	Sep.14,2021
Testing Period:	Sep.14,2021~Sep.18,2021

Test Requested As specified by client, to determine the Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, DEHP, BBP, DBP & DIBP content in the submitted sample compliance with RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	2mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 IEC 62321-7-2:2017	UV-VIS	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5mg/kg
Di-(2-ethylhexyl) phthalate(DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg
Benzylbutyl phthalate(BBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg

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

Test by : Heber He

Inspected by : Mary 2021

Approved by : Kevin Yang
 Technical Manager 

Date : Sep.18,2021



Test Report

Test Result:

No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
01	Connecting rod	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
02	Adapter	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
03	zipper	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
04	Transparent rubber plate	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.



Test Report

No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
05	Black cloth	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
06	Net cloth	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
07	Velcro	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
08	Silver insulation film	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.



Test Report

No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
09	Instrument cover	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
10	White plastic	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
11	Dashboard	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
12	Pointer	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.



Test Report

No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
13	Round rubber sheet	Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr ⁶⁺	1000	N.D.
		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

Note:

N.D. =Not Detected(<MDL)

mg/kg = ppm =parts per million

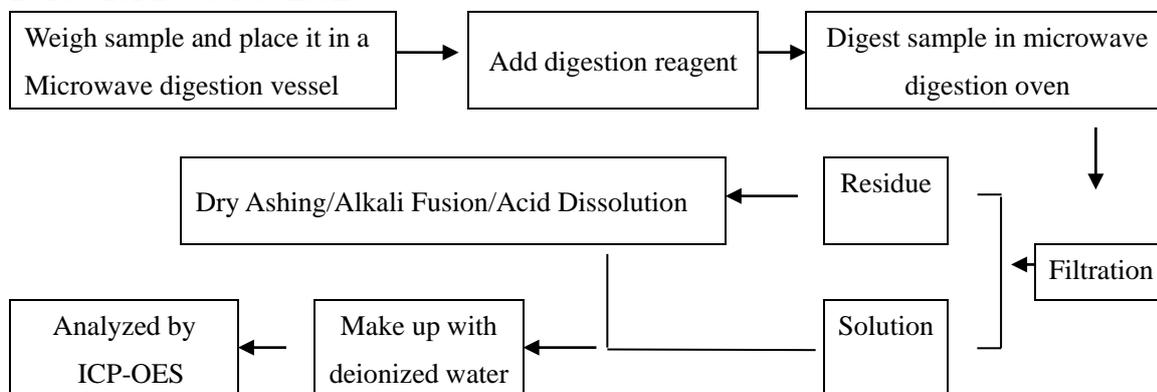
“- ”=Not specified



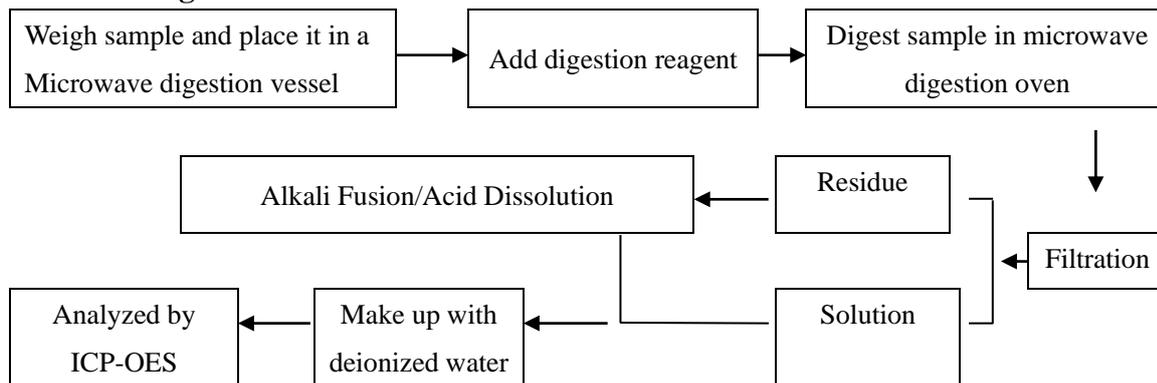
Test Report

Test process

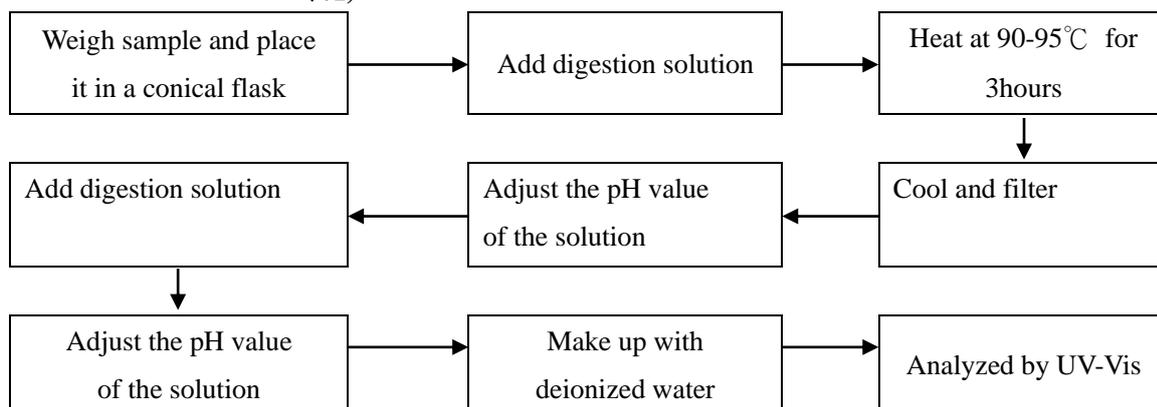
1. Test for Pb/Cd Content



2. Test for Hg Content



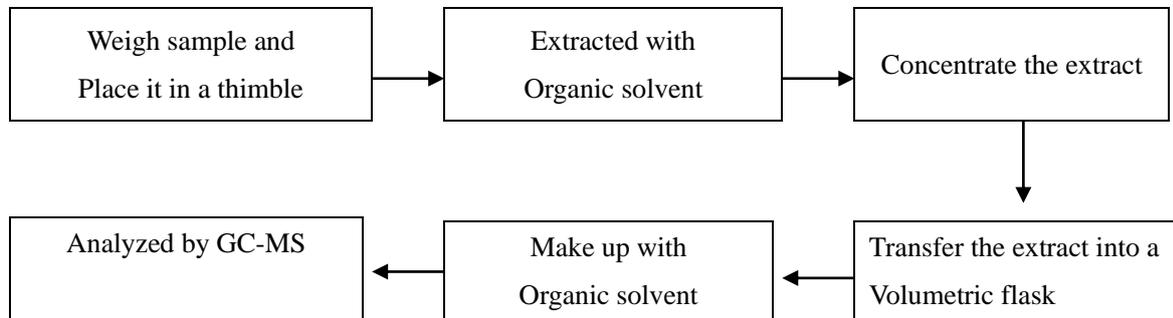
3. Test for Chromium (VI) Content



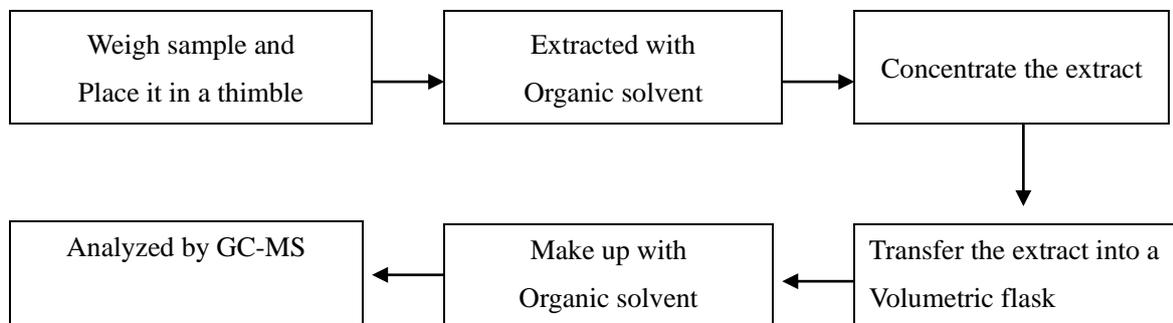


Test Report

4. Test for PBBs/PBDEs Content



5. Phthalates Content





Test Report

Photo(s) of the sample(s)



*** End of report ***

This report is considered invalidated without the Special Seal for Inspection of the HTT. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of HTT, this test report shall not be copied except in full and published as advertisement.