

TEST REPORT

Report No. : MAN:HL:1548004308

ISSUE DATE: 25-Jun-2024



ASSRE PLASTO WORLD INT. PVT. LTD.
 BALIADANGA, NH 34, P.O-BALLADANGA, P.S- KALIACHAK,
 DISTT- MALDA,(WEST BENGAL)- 732201
 INDIA
CONTACT PERSON: MD.ARIF

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION ASSRE PLASTO UPVC PROFILE
COLOUR WHITE
STYLE NO. POWDER
ARTICLE NO./REF. NO. 1

LAB PROVIDED DETAILS:

CONDITION OF SAMPLE COMPLETE AND OK
THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES: SGS GURUGRAM LABORATORY
SAMPLE RECD ON 05-Jun-2024 **TESTING PERIOD :** 10-Jun-2024 - 25-Jun-2024

SUMMARY OF TEST RESULTS:

TESTS	PASS	FAIL	REMARKS
RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	P		

Remarks: P=Pass
 F=Fail

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S). RESULTS APPLY TO THE SAMPLE AS RECEIVED

Per Pro SGS India Pvt. Ltd.



SANDIP BHUSHAN
TECHNICAL MANAGER
Authorized Signatory-Mechanical

Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

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NON ACCREDITED TEST(S)

Test Part Description:

Product No.	Sample No.	Material Description	Remarks
1	1	ASSRE PLASTO UPVC PROFILE	--

Remarks:

- (1) 1mg/kg=0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (<MDL)
- (4) - = not regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method:

- (1) With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
- (2) With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
- (3) With reference to IEC 62321-4:2013+A1:2017,determination of Mercury by ICP-OES.
- (4) With reference to IEC 62321-7-1:2015, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis and/or with reference to IEC 62321-5:2013, determination of Chromium by ICP-OES.
- (5) With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.
- (6) With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.

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TEST RESULTS:

Test Item(s):	Unit	Results	MDL	Limit
Cadmium(Cd)	mg/kg	n.d.	5	100
Lead (Pb)	mg/kg	8.5	5	1000
Mercury (Hg)	mg/kg	n.d.	5	1000
Hexavalent Chromium (CrVI)	mg/kg	n.d.	8	1000
Sum of PBBs	mg/kg	n.d.	-	1000
Monobromobiphenyl	mg/kg	n.d.	50	-
Dibromobiphenyl	mg/kg	n.d.	50	-
Tribromobiphenyl	mg/kg	n.d.	50	-
Tetrabromobiphenyl	mg/kg	n.d.	50	-
Hexabromobiphenyl	mg/kg	n.d.	50	-
Pentabromobiphenyl	mg/kg	n.d.	50	-
Heptabromobiphenyl	mg/kg	n.d.	50	-
Octabromobiphenyl	mg/kg	n.d.	50	-
Nonabromobiphenyl	mg/kg	n.d.	50	-
Decabromobiphenyl	mg/kg	n.d.	50	-
Sum of PBDEs	mg/kg	n.d.	-	1000
Monobromodiphenyl ether	mg/kg	n.d.	50	-
Dibromodiphenyl ether	mg/kg	n.d.	50	-
Tribromodiphenyl ether	mg/kg	n.d.	50	-
Tetrabromodiphenyl ether	mg/kg	n.d.	50	-
Pentabromodiphenyl ether	mg/kg	n.d.	50	-
Hexabromodiphenyl ether	mg/kg	n.d.	50	-
Heptabromodiphenyl ether	mg/kg	n.d.	50	-
Octabromodiphenyl ether	mg/kg	n.d.	50	-
Nonabromodiphenyl ether	mg/kg	n.d.	50	-
Decabromodiphenyl ether	mg/kg	n.d.	50	-
Dibutyl phthalate (DBP)	mg/kg	n.d.	100	1000
Butyl benzyl phthalate (BBP)	mg/kg	n.d.	100	1000
Bis (2-ethylhexyl) phthalate (DEHP)	mg/kg	n.d.	100	1000
Diisobutyl Phthalates (DIBP)	mg/kg	n.d.	100	1000



NON ACCREDITED TEST(S)

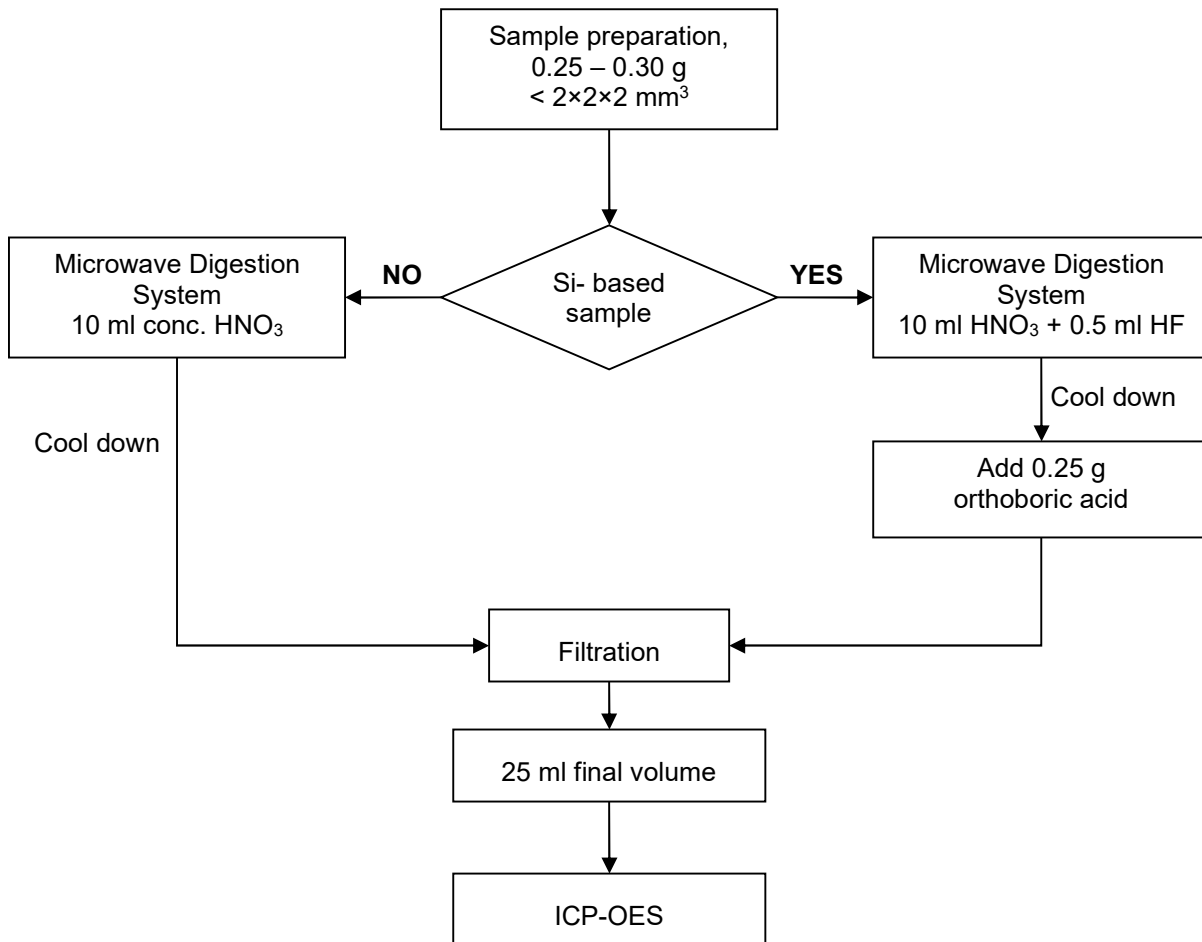
Not Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.
- (4) Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.
- (5) Testing has been performed as per customer request.



NON ACCREDITED TEST(S)

Process Flow for analysis of metal contents in plastics, metals and electronic components sample



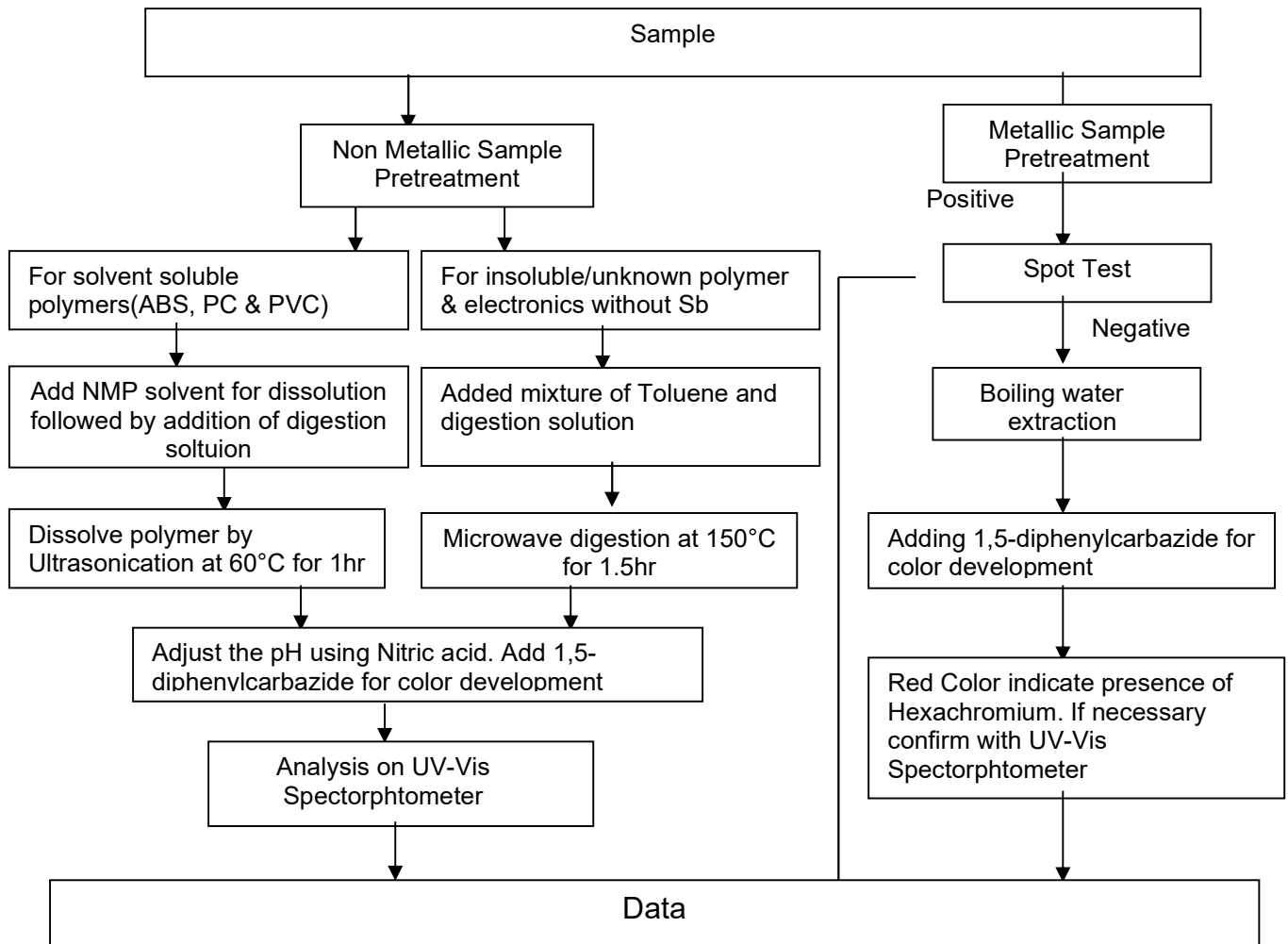
Analyzed By: Mahesh Panday

Checked By: Bikram Deo Ohdar



NON ACCREDITED TEST(S)

Process Flow for analysis of Hexachromium contents in plastics, metals and electronic components sample



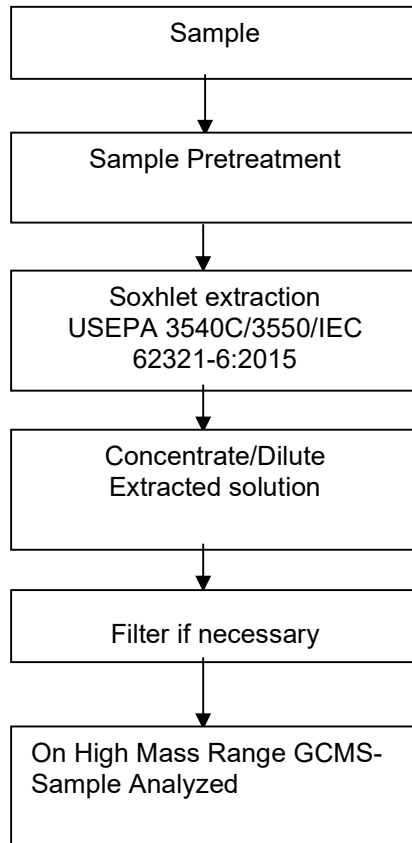
Analyzed By: Mahesh Pandey

Checked By: Bikram Deo Ohdar



NON ACCREDITED TEST(S)

Process Flow for analysis of Flame Retardants in plastics, metals and electronic components sample



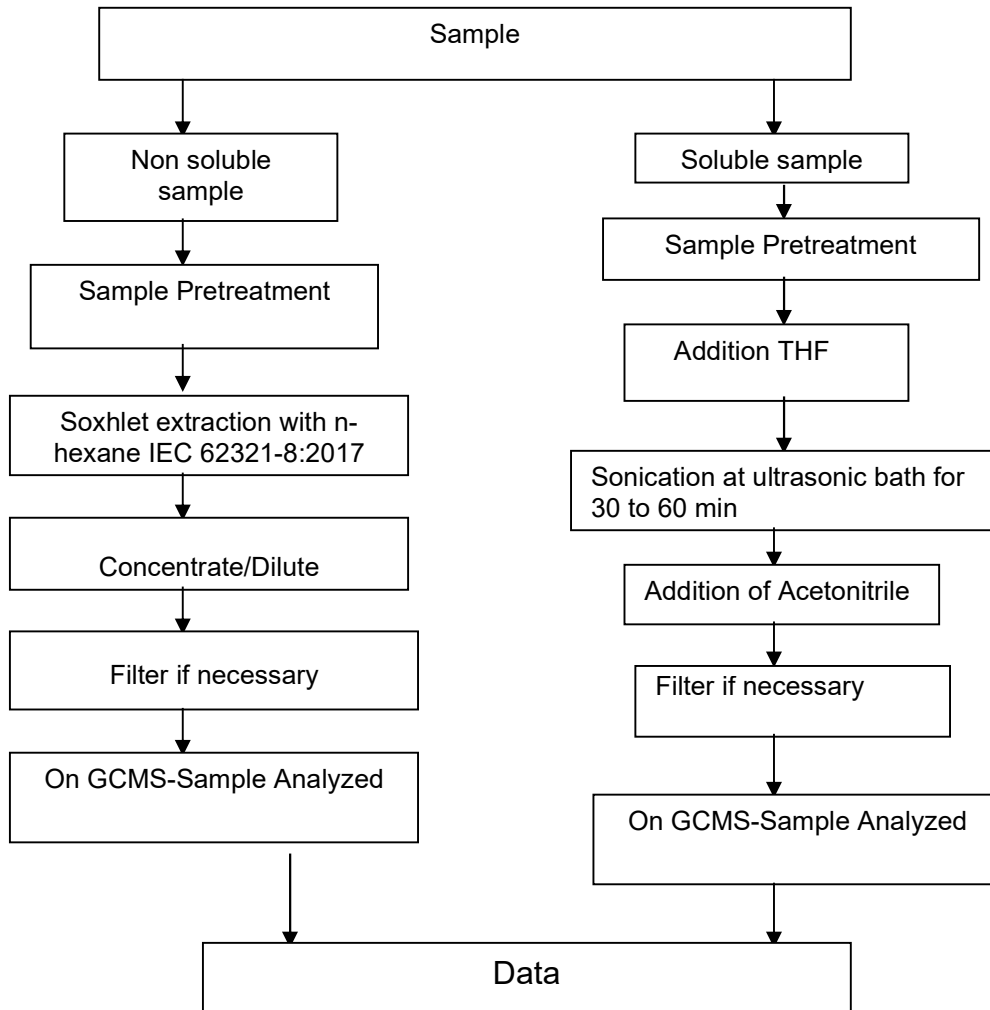
Analyzed By : Ashish Shrivastava

Checked By : Vijai Chauhan



NON ACCREDITED TEST(S)

Process Flow for analysis of Phthalates in Electrotechnical Product As per soxhelt Extraction or THF Extraction:



Analyzed By: Ashish Shrivastava

Checked By: Vijai Chauhan

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Sample as Received



**** END OF REPORT****