

TEST REPORT

CT F : 27

CUSTOMER INFORMATION	REPORT AND SAMPLE INFORMATION
Multipower Earthing Solutions Pvt Ltd Shed No- 1 Opposite Jijai Hotel, S.No- 35/1, Khedekar Industrial Estate, Narhe, Pune-411041, MAHARASHTRA, India. Kind Attn: Akash Pasalkar Reference No.: Reference Date: 24-12-2020	ULR No : TC76952100000233 Test Report No : R201200351.001 Date Sampled : Not Provided Date Analysed : 26-12-2020 Sample Type : Miscellaneous Condition : Sample Received in Plastic Bag Sample Desc : Backfill Compound Test Report Date : 05-1-2021 Received Date : 24-12-2020

SUMMARY OF TEST RESULTS

TEST REQUIRED	CONCLUSION	REMARKS
Phthalates Test – Directive 2015/863/EU Amendment of European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	-
Heavy Metals and Flame Retardants Content – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (PBB & PBDE Only)	PASS	-
Heavy Metals – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment	PASS	-

NOTE: The test has been conducted as per vendor's request.

PHOTO OF THE SUBMITTED SAMPLE



Sample ID: S201200351.001

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SrNo	TEST DESCRIPTION	UNIT	MDL	LIMITS	RESULTS	TEST METHOD
1	Elemental Analysis – ROHS	mg/kg	-	-	-	IEC 62321 2015
	Cadmium Content	mg/kg	< 1	MAX 100	< 1	
	Lead Content	mg/kg	< 1	MAX 1000	53.0	
	Mercury Content	mg/kg	< 1	MAX 1000	< 1	
	Hexavalent Chromium Content	mg/kg	< 1	MAX 1000	71.0	
2	Biphenyl Analysis		-	-	-	IEC 62321-6 2015
	Sum of PBBs	mg/kg	-	MAX 1000	ND	
	Monobromobiphenyl	mg/kg	50	-	ND	
	Dibromobiphenyl	mg/kg	50	-	ND	
	Tribromobiphenyl	mg/kg	50	-	ND	
	Tetrabromobiphenyl	mg/kg	50	-	ND	
	Hexabromobiphenyl	mg/kg	50	-	ND	
	Pentabromobiphenyl	mg/kg	50	-	ND	
	Heptabromobiphenyl	mg/kg	50	-	ND	
	Octabromobiphenyl	mg/kg	50	-	ND	
	Nonabromobiphenyl	mg/kg	50	-	ND	
	Decabromobiphenyl	mg/kg	50	-	ND	
3	Diphenyl Ether Analysis		-	-	-	IEC 62321-6 2015
	Sum of PBDEs	mg/kg	-	MAX 1000	ND	
	Monobromodiphenyl ether	mg/kg	50	-	ND	
	Dibromodiphenyl ether	mg/kg	50	-	ND	
	Tribromodiphenyl ether	mg/kg	50	-	ND	
	Tetrabromodiphenyl ether	mg/kg	50	-	ND	
	Pentabromodiphenyl ether	mg/kg	50	-	ND	
	Hexabromodiphenyl ether	mg/kg	50	-	ND	
	Heptabromodiphenyl ether	mg/kg	50	-	ND	
	Octabromodiphenyl ether	mg/kg	50	-	ND	
	Nonabromodiphenyl ether	mg/kg	50	-	ND	
	Decabromodiphenyl ether	mg/kg	50	-	ND	

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SrNo	TEST DESCRIPTION	UNIT	MDL	LIMITS	RESULTS	TEST METHOD
4	Phthalates	-	-	MAX 1000	-	IEC 62321-8 2017
	Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	< 1	-	52.0	
	Dibutyl Phthalate (DBP)	mg/kg	< 1	-	ND	
	Diisobutyl Phthalates (DIBP)	mg/kg	< 1	-	ND	
	Benzylbutyl Phthalate (BBP)	mg/kg	< 1	-	ND	
5	pH Value	-	-	-	-	CTP T-043 2020
	10 percent in aqueous solution	-	-	-	11.00	
6	Moisture Content	% by Wt.	-	-	1.42	Lab Procedure

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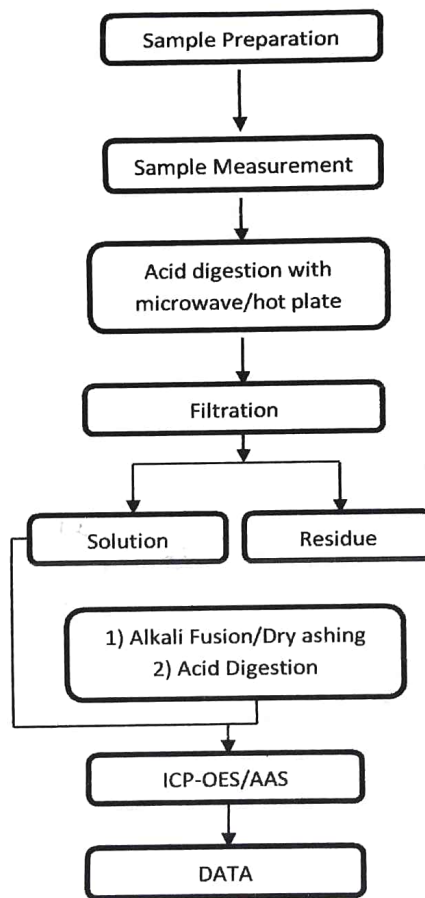
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Pb/ Cd/ Hg/ Cr Testing flow chart



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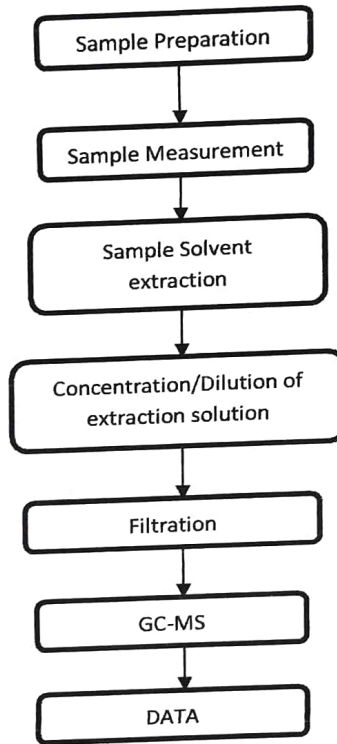
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PBBs/ PBDEs Testing flow chart



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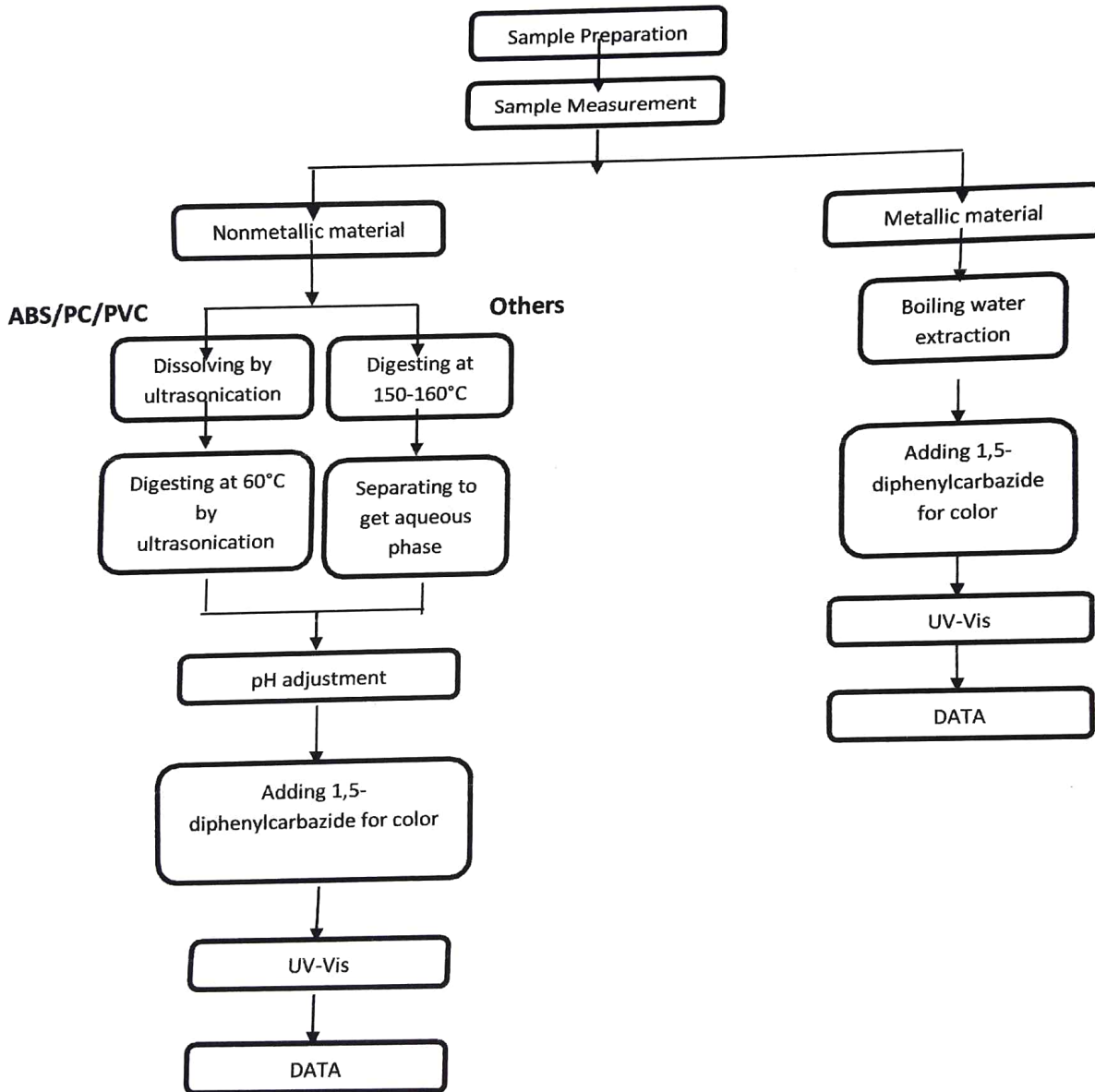
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Cr6+ Testing flow chart



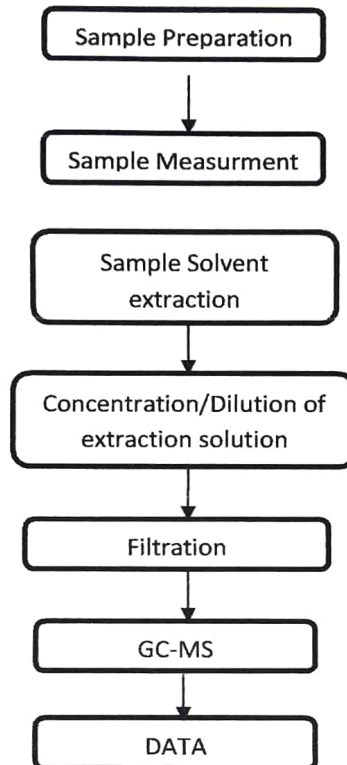
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Phthalates Testing flow chart



Notes	1) 1mg/kg = 0.0001%	2) MDL = Method Detection Limit	3) ND = Not Detected (<MDL)	4) - = not regulated	5) mg/kg = milligram(s) per kilogram = ppm = part(s) per million	6) ">" = Greater than	7) % = percent	8) 10000 mg/kg = 1%
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END OF REPORT



Authorized By
Smita
 Smita Subandh
 Laboratory Manager

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