



MATERIAL SAFETY DATA SHEET

Product name: Acrylonitrile-butadiene-styrene copolymer – Plastic Housing

Model Number: Applies to item number DT6030

Date prepared: October 28, 2014

1. COMPANY IDENTIFICATION:

Manufacturer: Roscoe Medical Inc.
21973 Commerce Pkwy
Strongsville, OH. 44149

Department: Quality Department

Telephone Number: 800-633-4839

Fax Number: 650-697-3596

2. COMPOSITION / INFORMATION ON INGREDIENTS

Testing method: With reference to IEC 62321:2008 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.

1. Determination of Cadmium by ICP-AES.
2. Determination of Lead by ICP-AES.
3. Determination of Mercury by ICP-AES.
4. Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
5. Determination of PBB and PBDE by GC/MS.

Please see the below table and use the above number list in the “Method (Refer to)” section.

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Test Item (s):	Method (Refer to)	Result	MDL	RoHS Limit
		No. 1		
Cadmium (Cd)	1	N/A	2	100
Lead (Pb)	2	N/A	2	1000
Mercury (Hg)	3	N/A	2	1000
Hexavalent Chromium Cr(VI) by alkaline extraction	4	N/A	2	1000
Sum of PBBs	5	N/A	-	1000
Monobromobiphenyl			5	-
Dibromobiphenyl			5	-
Tribromobiphenyl			5	-
Tetrabromobiphenyl			5	-
Pentabromobiphenyl			5	-
Heptabromobiphenyl			5	-
Octabromobiphenyl			5	-
Nonabromobiphenyl			5	-
Decabromobiphenyl			5	-
Sum of PBDEs			-	1000
Monobromodiphenyl ether			5	-
Dibromodiphenyl ether			5	-
Tribromodiphenyl ether			5	-
Tetrabromodiphenyl ether			5	-
Pentabromodiphenyl ether			5	-
Hexabromodiphenyl ether			5	-
Heptabromodiphenyl ether			5	-
Octabromodiphenyl ether			5	-
Nonabromodiphenyl ether			5	-
Decabromodiphenyl ether	5	-		

Note:

- Mg/kg = ppm; 0.1 wt% = 1000ppm
- MDL = Method Detection Level
- The exemption of DecaBDE in polymeric application according to 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE will be included in the sum of PBDE after 01.07.2008.

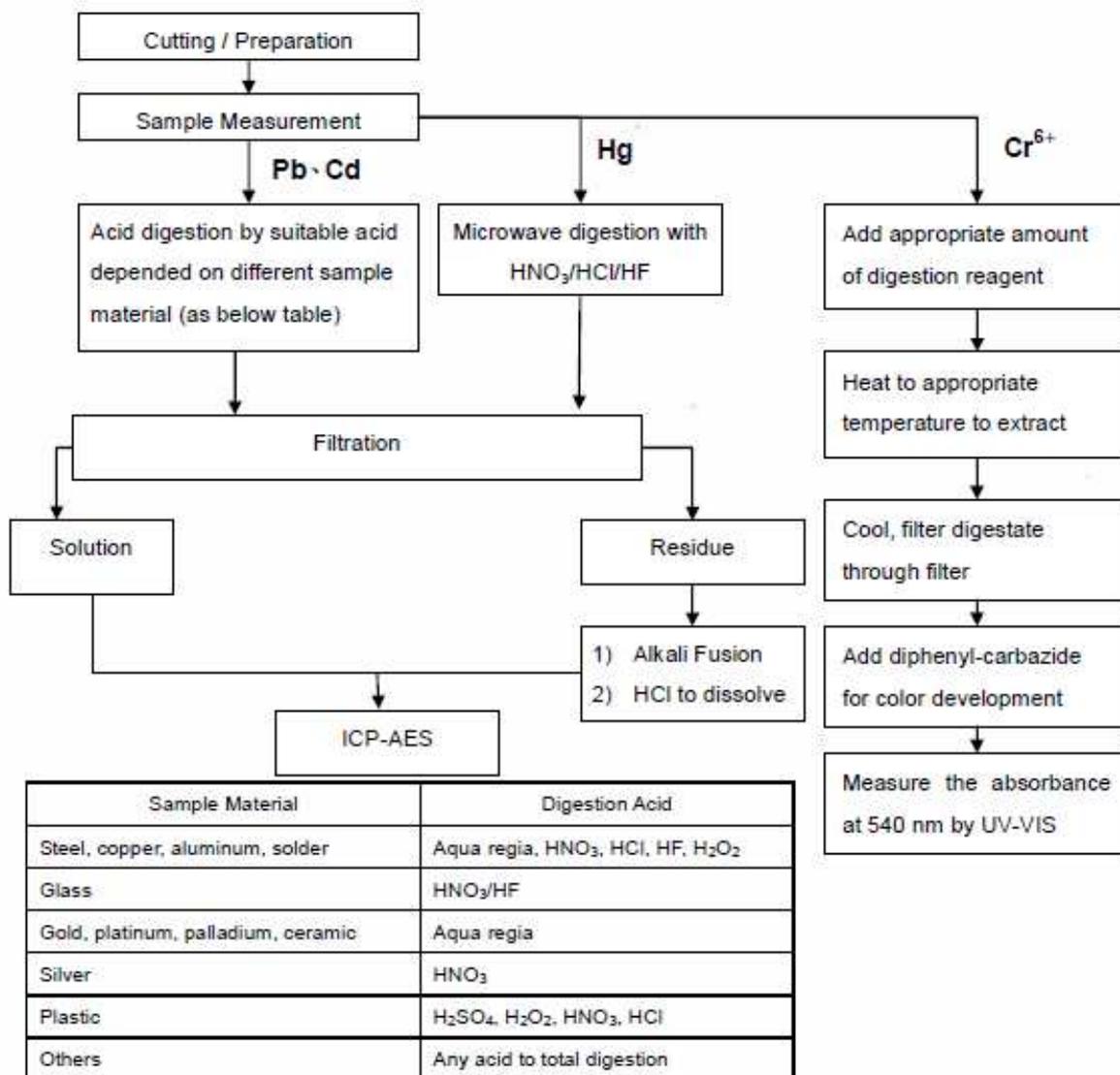
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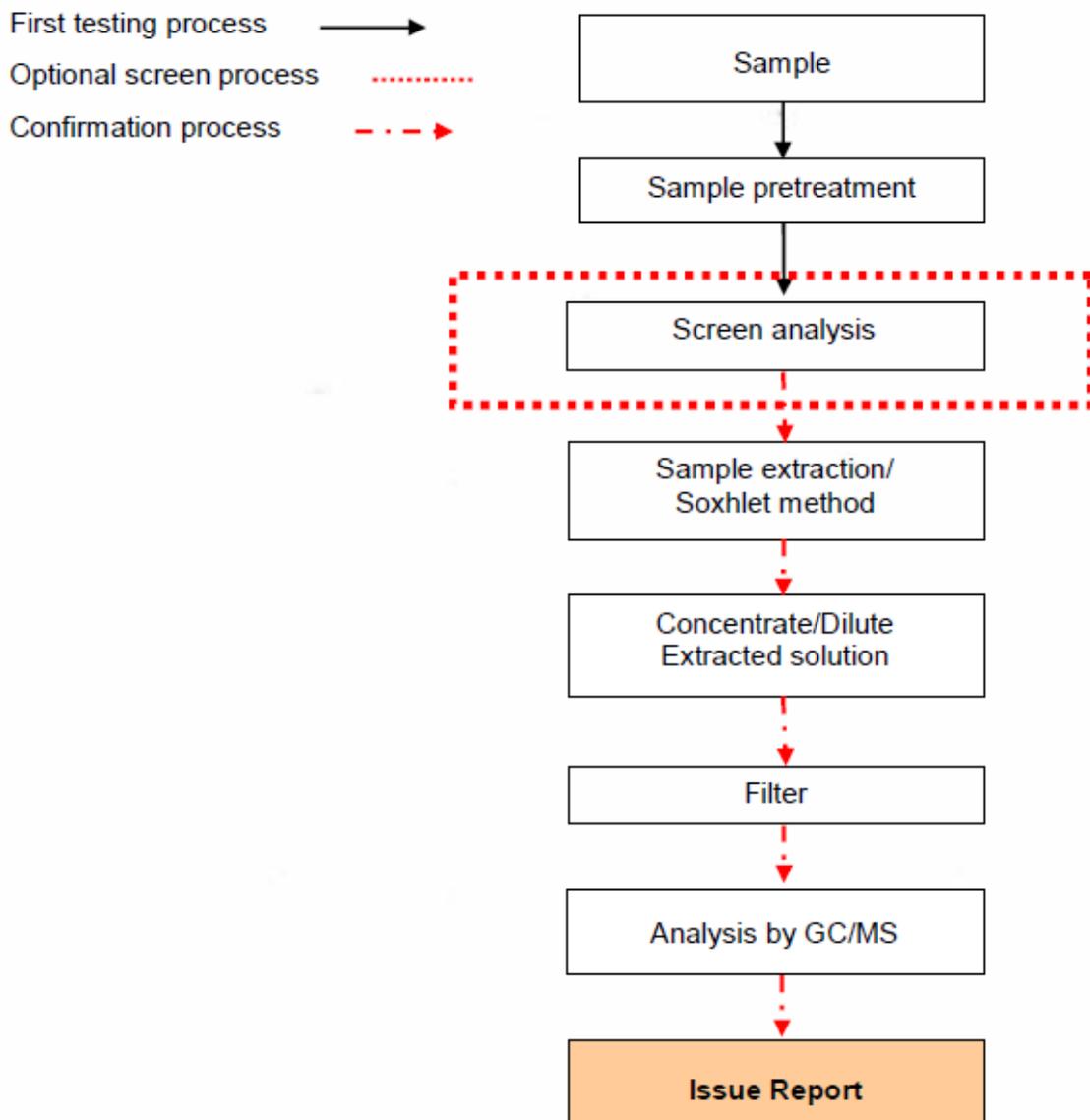
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These samples were dissolved totally by pre-conditioning method according to below flow chart (CR⁶⁺ test method excluded).



PBB/PBDE analytical FLOW CHART





3. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, Roscoe Medical does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

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