



MATERIAL SAFETY DATA SHEET

Product name: TENS Lead Wire
Model Number: Applies to item number DT6030
Date prepared: November 22, 2013

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 of 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 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.

21973 Commerce Parkway
Strongsville, OH 44149

Toll free: 800-3-ROSCOE (376-7263)
main: 440-572-1962
fax: 440-572-42691

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Test Item (s):	Method (Refer to)	Result	MDL
		No. 1	
Cadmium (Cd)	1	1	2
Lead (Pb)	2	10000	2
Mercury (Hg)	3	N/A	2
Hexavalent Chromium Cr(VI) by alkaline extraction	4	N/A	2
Sum of PBBs	5	N/A	-
Monobromobiphenyl			5
Dibromobiphenyl			5
Tribromobiphenyl			5
Tetrabromobiphenyl			5
Pentabromobiphenyl			5
Heptabromobiphenyl			5
Octabromobiphenyl			5
Nonabromobiphenyl			5
Decabromobiphenyl			5
Sum of PBDEs			-
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:

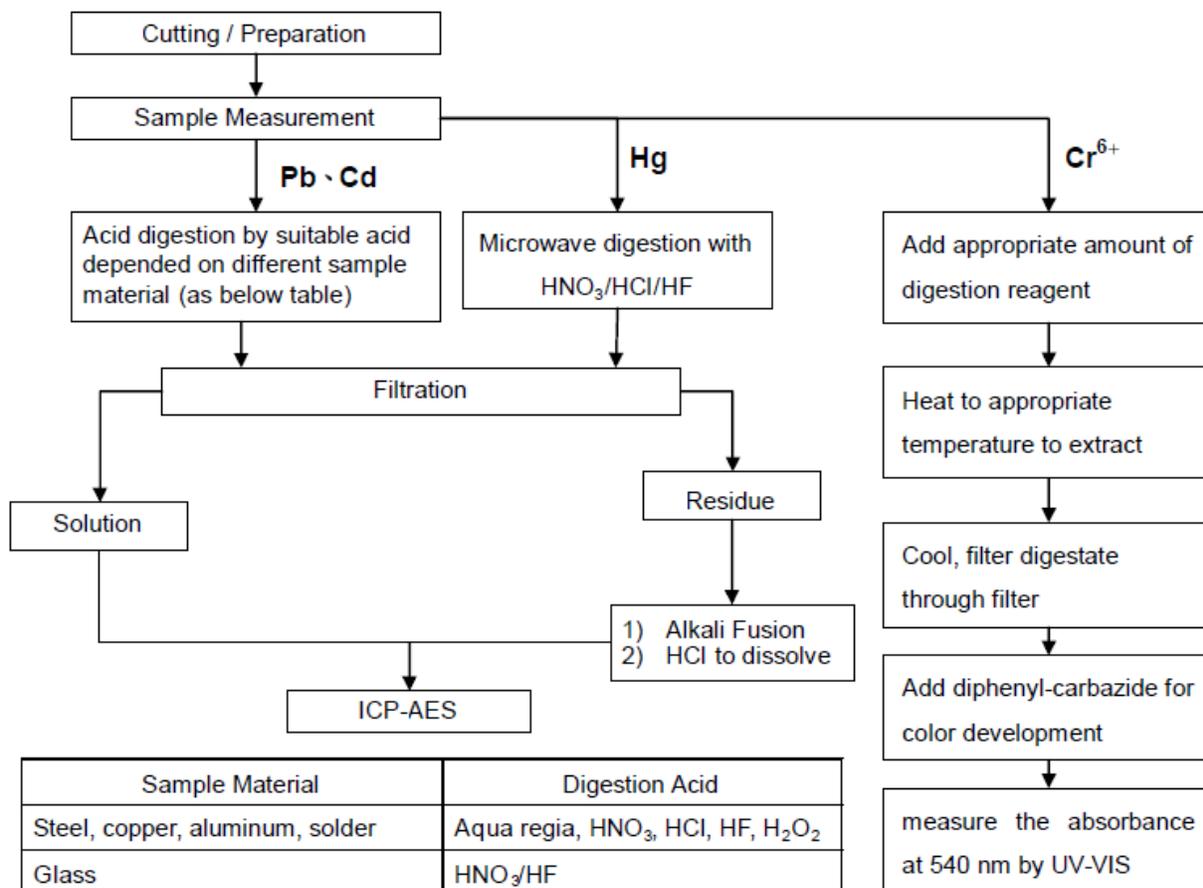
- Mg/kg = ppm; 0.1 wt% = 1000ppm
- MDL = Method Detection Level
- The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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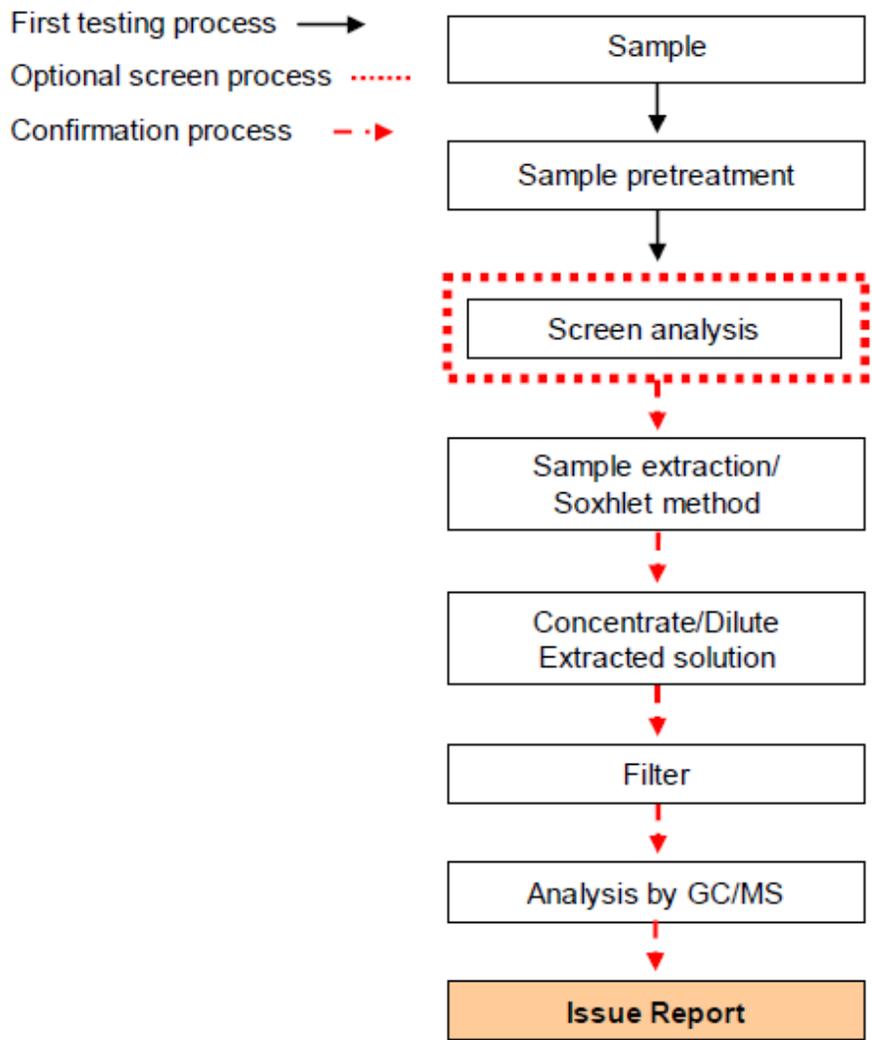
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These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr⁶⁺ test method excluded).



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

PBB/PBDE analytical FLOW CHART



CE/2011/20427



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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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