

Test Report

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EOREX CORPORATION
2F., NO. 512, SIANJHENG 2ND RD., JHUBEI CITY, HSINCHU COUNTY, TAIWAN 302, R. O. C.





The following sample(s) was/were submitted and identified by/on behalf of the client as :

Sample Description : FBGA
Sample/Item No. : EM484M3244VBX SERIES (X=A,B,C,...), EM484M3244LBX SERIES (X=A,B,C,...),
EM488M3244VBX SERIES (X=A,B,C,...), EM48AM3284LBX SERIES (X=A,B,C,...),
EM42AM3284LBX SERIES (X=A,B,C,...), EM42BM3284LBX SERIES (X=A,B,C,...),
EM48AM1684LBX SERIES (X=A,B,C,...), EM48AM1684VBX SERIES (X=A,B,C,...),
EM48BM1684LBX SERIES (X=A,B,C,...), EM42AM1684RBX SERIES (X=A,B,C,...),
EM42BM1684LBX SERIES (X=A,B,C,...), EM44BM1684LBX SERIES (X=A,B,C,...),
EM44CM1688LBX SERIES (X=A,B,C,...)
Sample Receiving Date : 2010/08/31
Testing Period : 2010/08/31 TO 2010/09/07

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Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.
Test 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 by UV/Vis Spectrometry.
(5) Determination of PBB and PBDE by GC/MS.

Test Result(s) : Please refer to next page(s).



Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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Test results by chemical method (Unit: mg/kg)

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

TEST PART DESCRIPTION:

No.1 : MIXED ALL PARTS

Note :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. "-" = Not Regulated
5. 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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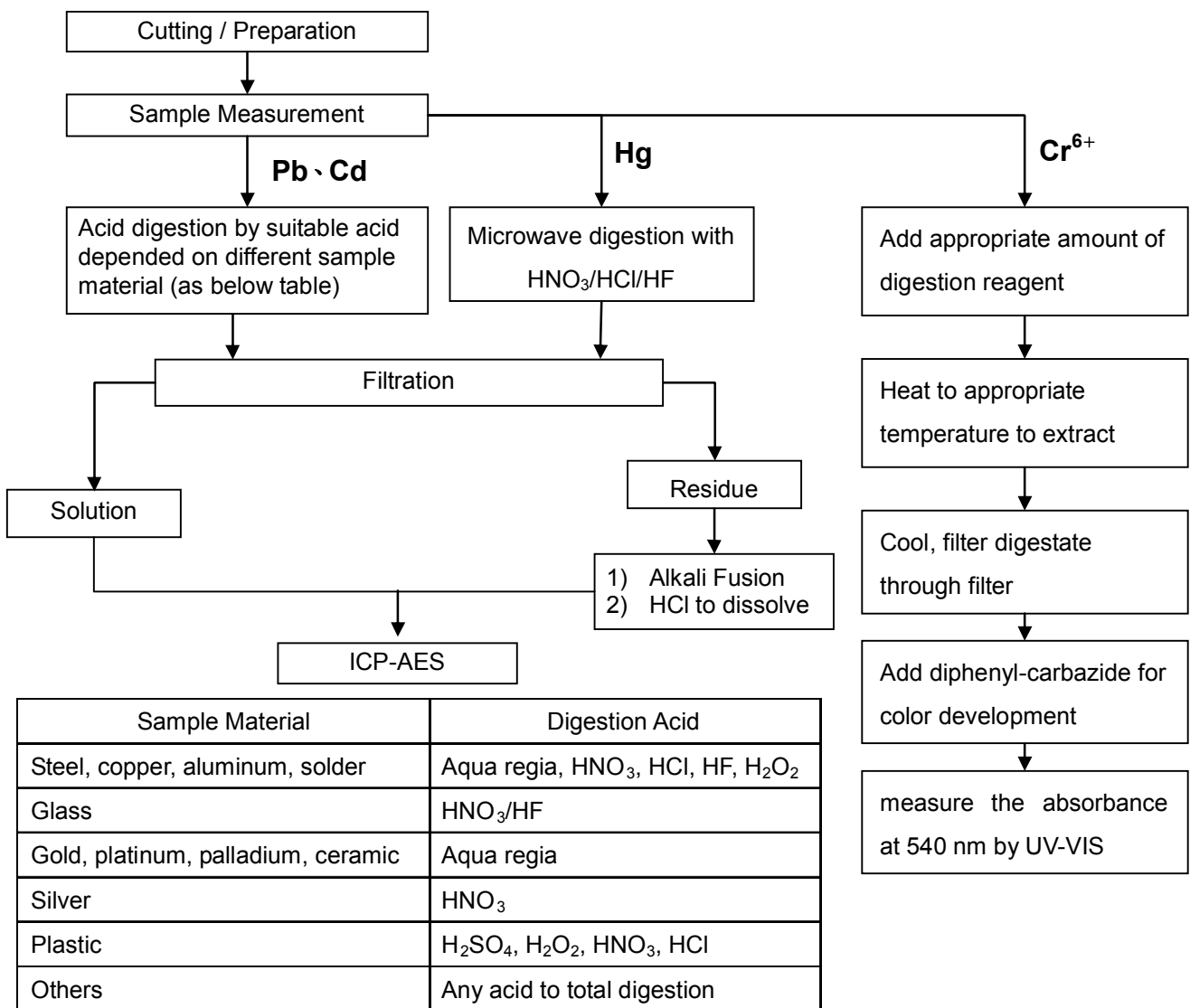
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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr⁶⁺ test method excluded)
- 2) Name of the person who made measurement: Climbgreat Yang
- 3) Name of the person in charge of measurement: Troy Chang



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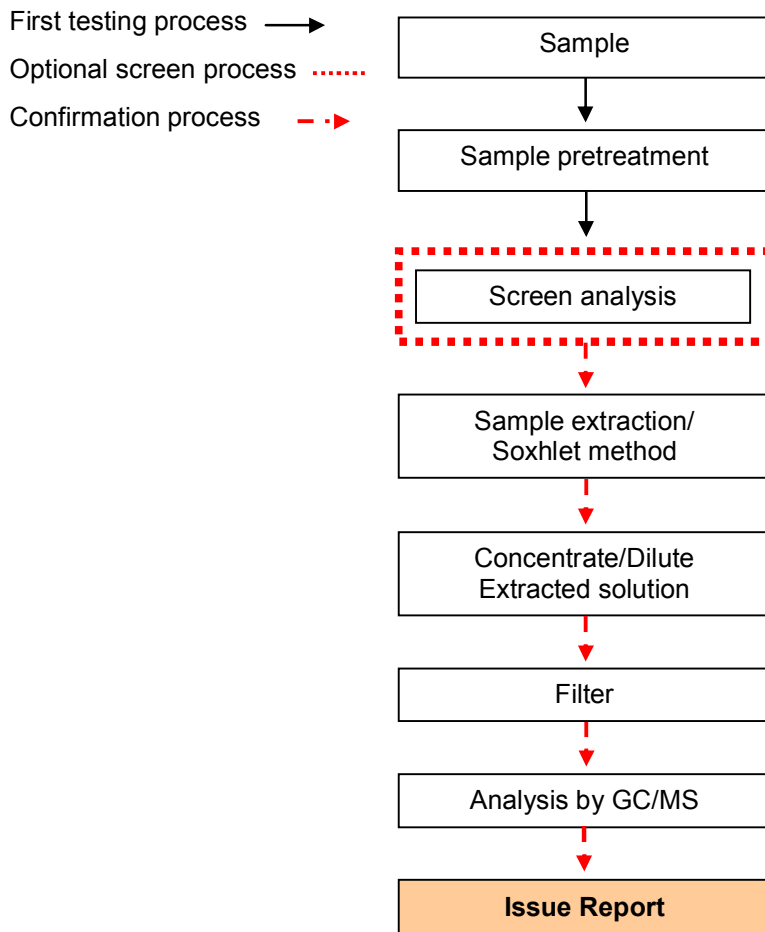
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PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Roman Wong
- 2) Name of the person in charge of measurement: Troy Chang



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** End of Report **

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