

No. : KA/2014/80443

Date : 2014/08/15

Page: 1 of 6

MINMAX TECHNOLOGY CO.,LTD 18,SHIN-SIN ROAD,TAINAN 702,TAIWAN

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

Sample Description Style/Item No. Sample Receiving Date Testing Period Sample Submitted By	<ul> <li>AC-DC POWER MODULE</li> <li>APM-40XXXX SERIES</li> <li>2014/08/08</li> <li>2014/08/08 TO 2014/08/15</li> <li>MINMAX TECHNOLOGY CO.,LTD</li> </ul>
Test Requested	<ul> <li>As specified by client, to test Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs contents in the submitted sample.</li> </ul>
Test Method Test Result(s)	<ul><li>Please refer to next pages.</li><li>Please refer to next page(s).</li></ul>



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Date : 2014/08/15

Page: 2 of 6

MINMAX TECHNOLOGY CO., LTD 18, SHIN-SIN ROAD, TAINAN 702, TAIWAN

#### Test Result(s)

PART NAME No.1

#### : MIXED ALL PARTS: AC-DC POWER MODULE

Test Item(s)	Unit	Method	MDL	Result
				No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5: 2013 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321-5: 2013 and performed by ICP-AES.	2	11.3
Mercury (Hg)	mg/kg	With reference to IEC 62321-4: 2013 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI)	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl	mg/kg		5	n.d.
Dibromobiphenyl	mg/kg		5	n.d.
Tribromobiphenyl	mg/kg		5	n.d.
Tetrabromobiphenyl	mg/kg		5	n.d.
Pentabromobiphenyl	mg/kg		5	n.d.
Hexabromobiphenyl	mg/kg		5	n.d.
Heptabromobiphenyl	mg/kg		5	n.d.
Octabromobiphenyl	mg/kg		5	n.d.
Nonabromobiphenyl	mg/kg		5	n.d.
Decabromobiphenyl	mg/kg		5	n.d.
Sum of PBDEs	mg/kg		-	n.d.
Monobromodiphenyl ether	mg/kg		5	n.d.
Dibromodiphenyl ether	mg/kg		5	n.d.
Tribromodiphenyl ether	mg/kg		5	n.d.
Tetrabromodiphenyl ether	mg/kg		5	n.d.
Pentabromodiphenyl ether	mg/kg		5	n.d.
Hexabromodiphenyl ether	mg/kg		5	n.d.
Heptabromodiphenyl ether	mg/kg		5	n.d.
Octabromodiphenyl ether	mg/kg		5	n.d.
Nonabromodiphenyl ether	mg/kg		5	n.d.
Decabromodiphenyl ether	mg/kg		5	n.d.

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No.: KA/2014/80443

Date : 2014/08/15

Page: 3 of 6

MINMAX TECHNOLOGY CO., LTD 18, SHIN-SIN ROAD, TAINAN 702, TAIWAN

#### 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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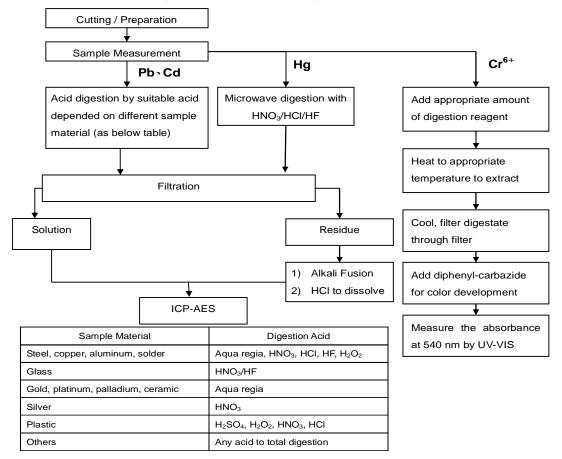
No. : KA/2014/80443

Date : 2014/08/15

Page: 4 of 6

MINMAX TECHNOLOGY CO., LTD 18, SHIN-SIN ROAD, TAINAN 702, TAIWAN

- 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: Jony Liu
- Name of the person in charge of measurement: Ray Chang 3)



Note\*\* : (1) For non-metallic material, add alkaline digestion reagent and heat to 90~95

°C

(2) For metallic material, add pure water and heat to boiling.

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No. : KA/2014/80443

Date : 2014/08/15

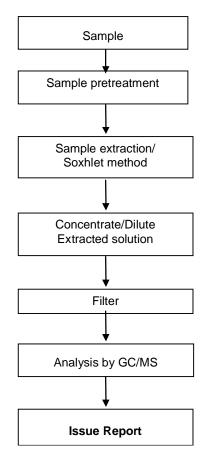
Page: 5 of 6

MINMAX TECHNOLOGY CO., LTD 18, SHIN-SIN ROAD, TAINAN 702, TAIWAN

## **PBB/PBDE** analytical FLOW CHART

1) Name of the person who made measurement: Dorothy Chen

2) Name of the person in charge of measurement: Ray Chang



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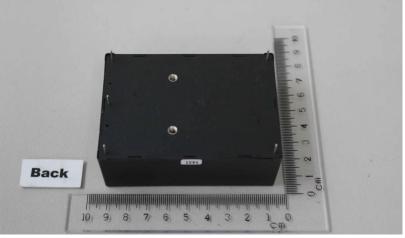
Page: 6 of 6

MINMAX TECHNOLOGY CO., LTD 18, SHIN-SIN ROAD, TAINAN 702, TAIWAN

\* The tested sample / part is marked by an arrow if it's shown on the photo. \*



# KA/2014/80443



\*\* End of Report \*\*

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