

TEST REPORT

Report No.: CHB(C)1311067-1

Page 1 of 5

Applicant Name : HUADING GROUP CO.,LIMITED
Applicant Address : UNIT D,WORLD TRADE CENTRE, NO.122 SHUGUANG ROAD, HANGZHOU CITY, ZHIJIANG PROVINCE, THE PEOPLE'S REPUBLIC OF CHINA

The following information was submitted and identified by/on behalf of the client:

Sample Name : HASL Lead Free Printed Circuit Board
Sample Model : DS3-PWK
Sample Material : P2L2841AO
Lot No. : HDC13078803
Supplier Name : HUADING GROUP CO.,LIMITED
Buyer : /

Receiving Date : Nov.11,2013
Testing Period : Nov.11,2013- Nov.13,2013

Testing Category : Applicant Testing
Test Requested : As specified by client
Test Method : Please refer to next page
Test Instrument : Please refer to next page

Testing Results : Please refer to next page
Conclusion : Based on the performed test on submitted samples,the results **comply with** RoHS Directive 2011/65/EU.

Approved by: *Rose*
Laboratory technical manager

Issued Date: Nov.13,2013
No. 11130671

TEST REPORT

Report No.: CHB(C)1311067-1

Page 2 of 5

Testing Results:

Sample description:

No.	Sample number	Description
001	CHB(C)1311067-1	Plastic

Test method: With reference of IEC 62321:2008

- (1) to determine Cadmium, Lead and Mercury by ICP-OES,
- (2) to determine Hexavalent Chromium by UV-Vis,
- (3) to determine PBBs and PBDEs by GC-MS.

Item	Unit	MDL	001	Limit
Cadmium(Cd)	mg/kg	2	ND	100
Lead(Pb)	mg/kg	2	10	1000
Mercury(Hg)	mg/kg	2	ND	1000
Hexavalent ChromiumCr(VI)	mg/kg	2	ND	1000

TEST REPORT

Report No.: CHB(C)1311067-1

Page 3 of 5

Item	Unit	MDL	001	Limit
Sum of PBBs	mg/kg	-	ND	1000
Monobromobiphenyl	mg/kg	5	ND	-
Dibromobiphenyl	mg/kg	5	ND	-
Tribromobiphenyl	mg/kg	5	ND	-
Tetrabromobiphenyl	mg/kg	5	ND	-
Pentabromobiphenyl	mg/kg	5	ND	-
Hexabromobiphenyl	mg/kg	5	ND	-
Heptabromobiphenyl	mg/kg	5	ND	-
Octabromobiphenyl	mg/kg	5	ND	-
Nonabromobiphenyl	mg/kg	5	ND	-
Decabromobiphenyl	mg/kg	5	ND	-
Sum of PBDEs	mg/kg	-	ND	1000
Monobromodiphenyl ether	mg/kg	5	ND	-
Dibromodiphenyl ether	mg/kg	5	ND	-
Tribromodiphenyl ether	mg/kg	5	ND	-
Tetrabromodiphenyl ether	mg/kg	5	ND	-
Pentabromodiphenyl ether	mg/kg	5	ND	-
Hexabromodiphenyl ether	mg/kg	5	ND	-
Heptabromodiphenyl ether	mg/kg	5	ND	-
Octabromodiphenyl ether	mg/kg	5	ND	-
Nonabromodiphenyl ether	mg/kg	5	ND	-
Decabromodiphenyl ether	mg/kg	5	ND	-

Note:

1. 1mg/kg=1ppm=0.0001%
2. MDL=Method Detection Limit
3. ND=No Detected(<MDL)
4. "-"= Not Regulated or Not Applicable

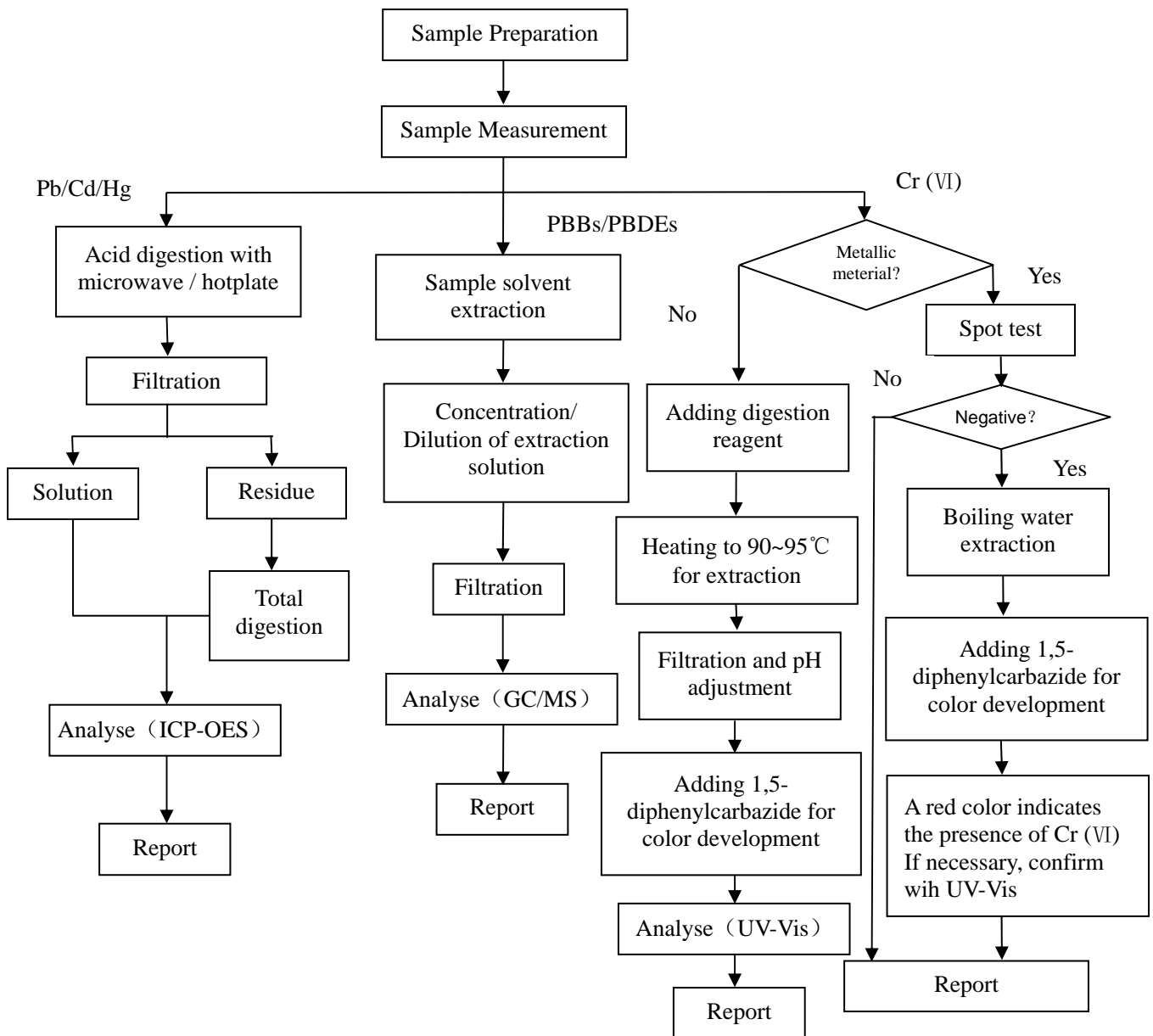
TEST REPORT

Report No.: CHB(C)1311067-1

Page 4 of 5

Testing Flow:

1. Tested by: Vicky/ Anne
2. Reviewed by: Ada

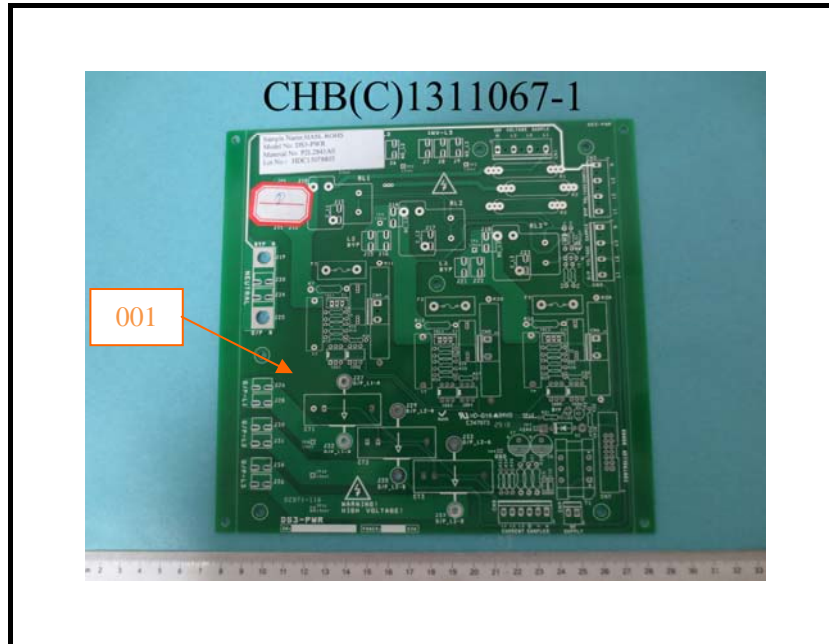


TEST REPORT

Report No.: CHB(C)1311067-1

Page 5 of 5

Annex: Sample Photo



The results shown here refer only to the sample(s) tested unless otherwise stated. No written approval of the laboratory, the report cannot be reproduced partly, except in full.

***** End of Report *****