



Test Report

Sample Serial No. : 201200991006; 201200991011

Applicant	Igepa Group GmbH & Co. KG
Address	Sachsenfeld 4 D-20097 Hamburg, Germany
Sample name	White aluminum composite panel
Type/ Model	3mm
Description	White / grey-black solid
Test Period	Aug. 14, 2012 ~ Aug. 16, 2012
Test Requirement	To determine the certain Hazardous Substances of the submitted sample according to the requirements of RoHS Directive 2011/65/EU (the European Parliament and the Council's Restriction on the use of certain Hazardous Substances in electrical and electronic equipment).
Test Method	IEC 62321:2008
Test Results	Please refer to next page(s)
Conclusion	Based on the performed tests on submitted sample(s), the results comply with the RoHS Directive 2011/65/EU.

Authorized by:

Mr. Kevin Lee / General Manager

CIRS Europe
Tel: +353 41 9806916
Fax: +353 41 9806999
Website: www.cirs-reach.com
Email: info@cirs-reach.com

Headquarters
Tel: +86-571-87206555
Website: www.cirs-group.com
Email: test@cirs-group.com
Hotline: 4006-721-723

Laboratory
Tel: +86-571-89900710
2/F, No.4 Building, Huaye Hi-tech Zone,
No.1180, Bin'an Road, Hangzhou,
Zhejiang, P.R. China



Test Parts:

No.	Sample Serial No.	Sample Name
1	201200991006	White aluminum composite panel (metal plate)
2	201200991011	White aluminum composite panel (intermediate sandwich)

Photo(s):



201200991006



201200991011



Test Result(s):

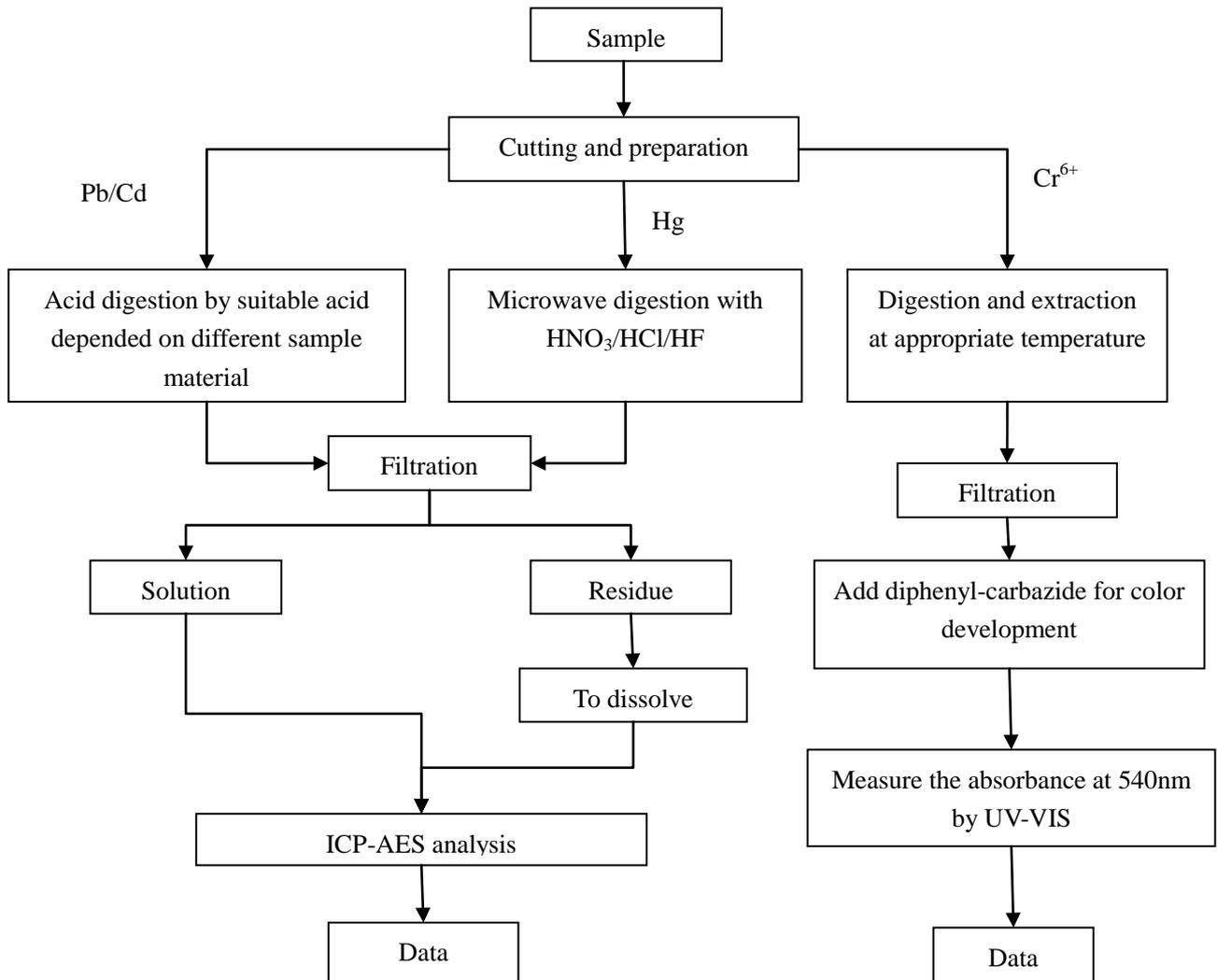
Test Item(s)	MCV	MDL	Test Result(s)	
			201200991006	201200991011
Lead(Pb)	1000	5	N.D.	157
Mercury(Hg)	1000	5	N.D.	N.D.
Hexavalent Chromium(Cr ⁶⁺)	1000	5	N.D.	N.D.
Cadmium(Cd)	100	5	N.D.	N.D.
<u>Sum of Polybrominated Biphenyls (PBBs)</u>	1000	<u>100</u>	--	N.D.
Monobromobiphenyl		10	--	N.D.
Dibromobiphenyl		10	--	N.D.
Tribromobiphenyl		10	--	N.D.
Tetrabromobiphenyl		10	--	N.D.
Pentabromobiphenyl		10	--	N.D.
Hexabromobiphenyl		10	--	N.D.
Heptabromobiphenyl		10	--	N.D.
Octabromobiphenyl		10	--	N.D.
Nonabromobiphenyl		10	--	N.D.
Decabromobiphenyl		10	--	N.D.
<u>Sum of Polybrominated Diphenylethers (PBDEs)</u>	1000	<u>100</u>	--	N.D.
Monobromodiphenyl ether		10	--	N.D.
Dibromodiphenyl ether		10	--	N.D.
Tribromodiphenyl ether		10	--	N.D.
Tetrabromodiphenyl ether		10	--	N.D.
Pentabromodiphenyl ether		10	--	N.D.
Hexabromodiphenyl ether		10	--	N.D.
Heptabromodiphenyl ether		10	--	N.D.
Octabromodiphenyl ether		10	--	N.D.
Nonabromodiphenyl ether		10	--	N.D.
Decabromodiphenyl ether		10	--	N.D.

Remarks:

1. Unit: mg/kg.
2. MCV= Maximum Concentration Values
3. MDL = Method Detection Limit; N.D. = Not detected (<MDL)



Test Flow Chart for the determination of Pb, Cd, Hg, Cr⁶⁺



CIRS Europe

Tel: +353 41 9806916
Fax: +353 41 9806999
Website: www.cirs-reach.com
Email: info@cirs-reach.com

Headquarters

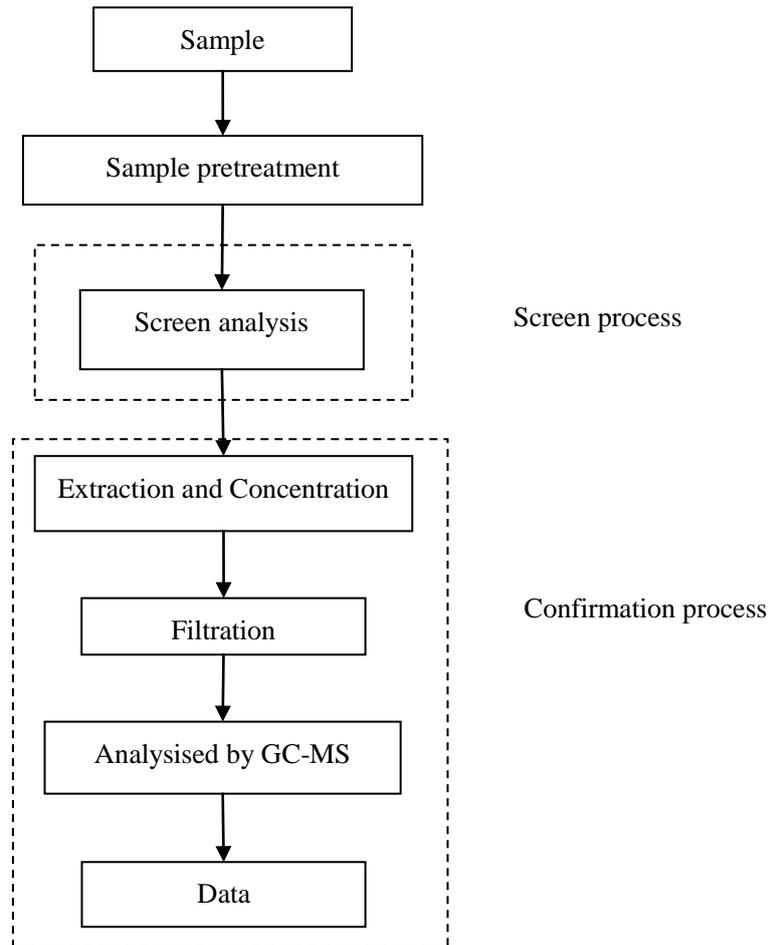
Tel: +86-571-87206555
Website: www.cirs-group.com
Email: test@cirs-group.com
Hotline: 4006-721-723

Laboratory

Tel: +86-571-89900710
2/F, No.4 Building, Huaye Hi-tech Zone,
No.1180, Bin'an Road, Hangzhou,
Zhejiang, P.R. China



Test Flow Chart for the determination of PBB/PBDE



The end of report

CIRS Europe

Tel: +353 41 9806916
Fax: +353 41 9806999
Website: www.cirs-reach.com
Email: info@cirs-reach.com

Headquarters

Tel: +86-571-87206555
Website: www.cirs-group.com
Email: test@cirs-group.com
Hotline: 4006-721-723

Laboratory

Tel: +86-571-89900710
2/F, No.4 Building, Huaye Hi-tech Zone,
No.1180, Bin'an Road, Hangzhou,
Zhejiang, P.R.China