

Samtec
520 Park East Blvd.
New Albany, IN 47151
United States

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

Aluminum – Color = Bright Aluminum Metallic
Model/Part No.: Aluminum
Country of Destination: USA

Sample Received Date: **7/26/2018**

Testing Period: **7/30/2018 – 8/10/2018**

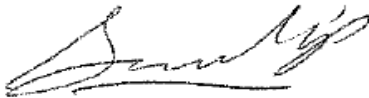
Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

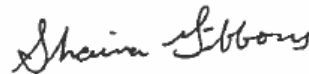
Test Requested	Comment
1. RoHS Directive 2011/65/EU Annex II – Cadmium, Lead, Mercury and Hexavalent Chromium Content	PASS

Signed for and on behalf of SGS North America, Inc.



Sandip Ramolia
Senior Analytical Chemist, Chemistry Laboratory

Prepared By:



Shaina Gibbons
Report Writer, Chemistry Laboratory

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1. RoHS Directive 2011/65/EU Annex II – Cadmium, Lead, Mercury and Hexavalent Chromium Content

Test Item(s):	Unit	Test Method	Results	MDL	Limit
			1		
Cadmium(Cd)	mg/kg	With reference to IEC 62321-5:2013 (Determination of Cd and Pb by ICP-OES and /or ICP-MS)	ND	2	100
Lead (Pb)	mg/kg		7.35	2	1000
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013 (Determination of Hg by ICP-OES and/ or ICP-MS)	ND	2	1000
Hexavalent Chromium (CrVI)	mg/kg	With reference to IEC 62321; EPA 3060A (Determination of CrVI by UV-VIS)	ND*	2	1000
Conclusion	/	/	PASS	/	/

Sample Description:

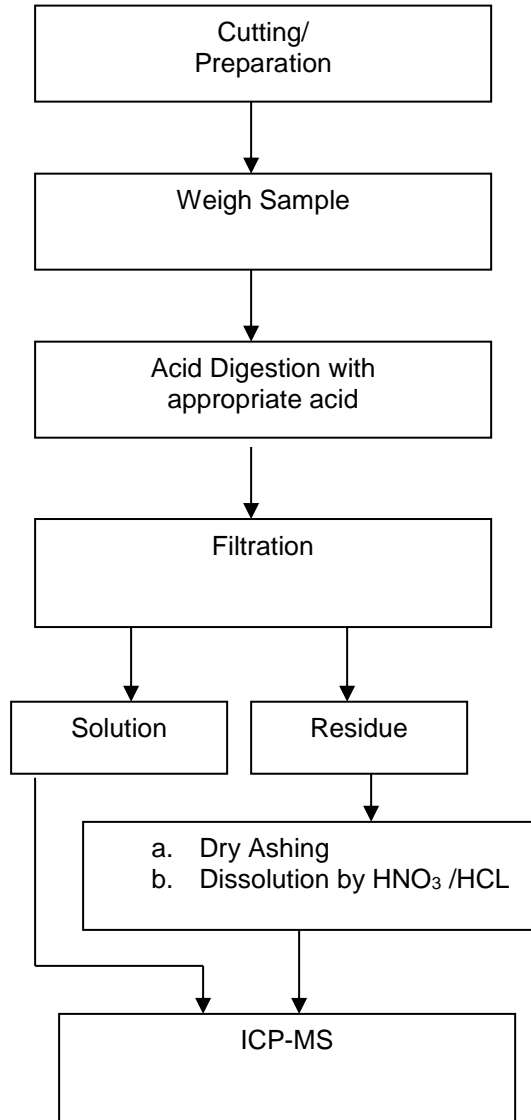
1. Aluminum – Color = Bright Aluminum Metallic

Note :

- (a) mg/kg = ppm ; 0.1wt% = 1000ppm
- (b) ND= not detected
- (c) MDL = Method Detection Limit
- (d) - = not regulated
- (e) * = Total Chromium analysis by ICP-MS and/or ICP-OES was not detected in submitted sample. Therefore, Hexavalent Chromium determination using UV-Visible Spectroscopy was not performed.
- (f) IEC 62321 series is equivalent to EN 62321 series
http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

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Flowchart for RoHS Heavy Metals



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Sample Photo(s):

SGS authenticates the photo(s) on the original report only

*** End of Report ***

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