



Test Report

No. 2350293-CH01

Date: March 21, 2011

Page 1 of 4

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

Attn: Dick Bowyer

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

SDT Lead-free Solder
Color: Bright, Shiny, Silver Color Metal
Sample/Style #: Sample Labeled: Solder Lead-free

Sample Received Date:

3/14/2011

Testing Period:

3/16/2011 – 3/18/2011

Test Requested : Please refer to the result summary.

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

Result Summary :

| Test Requested | Comment |
|--|---------|
| European Directive 2002/95/EC (RoHS) and its subsequent amendments | PASS |

Signed for and on behalf of SGS North America

Prepared By:

Christina Crimi
Assistant Laboratory Manager, Chemistry
Laboratory

Veronica Marrero
Report Writer, Chemistry Laboratory

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1. Test results by chemical method:
Cadmium, Lead, Mercury and Hexavalent Chromium content

Method : With reference to IEC 62321:2008. Lead, Cadmium and Mercury were analyzed by Inductively Coupled Argon Plasma Spectrometry and Chromium (VI) was analyzed by UV-Visible Spectroscopy.

| Test Item | Result (mg/kg) | | Detection Limit (mg/kg) | Permissible Limit (mg/kg) |
|------------------------------|----------------|--|-------------------------|---------------------------|
| | 1 | | | |
| Cadmium (Cd) | ND | | 20 | 100 |
| Lead (Pb) | 86 ppm | | 20 | 1000 |
| Mercury (Hg) | ND | | 20 | 1000 |
| Hexavalent Chromium (Cr(VI)) | ND* | | 20 | 1000 |
| Comment | PASS | | -- | -- |

Sample Description:

1. Solder Lead-free

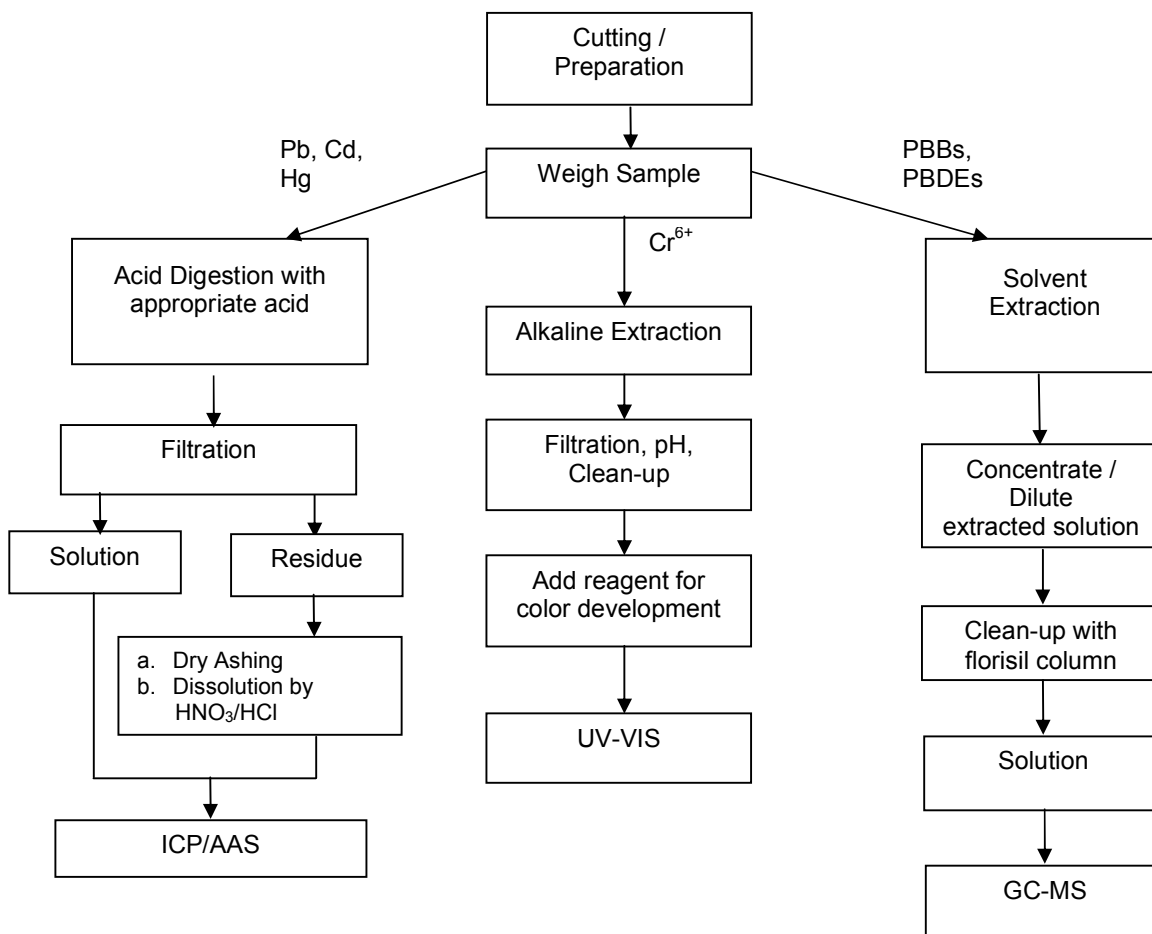
**Total Chromium analysis by ICP-OES was not detected in submitted sample. Therefore, Hexavalent Chromium determination using UV-Visible Spectroscopy was not performed.*

Note :

1. MDL = Method Detection Limit
2. ND = Not Detected = denoted less than reporting limit

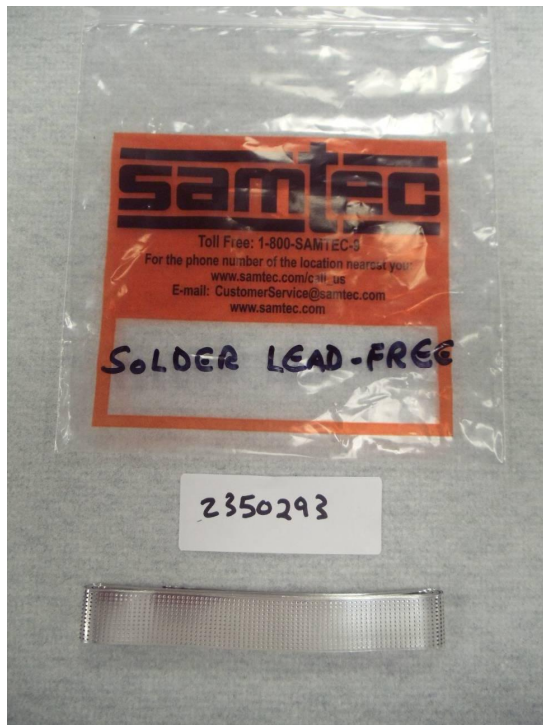
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Flowchart:



- Note : 1. For Cr(VI), spot test is adopted for metal sample.
 2. The Cd and Pb contents test on polymeric samples were dissolved totally by pre-conditioning method according to above flow chart.

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Sample Photo:

SGS authenticates the photo on the original report only

*** End of Report ***

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