



**Test Report**

No. 2321217-CH10

Date: March 16, 2011

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**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:

**Ribbon Circle – Multi-color PVC Insulation  
Jackets – Copper Conductors  
Color: Multi-color  
Sample/Style #: Sample Labeled: 100-C Multi-color**

Sample Received Date:

**2/15/2011**

Testing Period:

**2/23/2011 – 3/16/2011**

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Comment
Screening for the presence of Heavy Metals in the submitted sample – XRF (X-Ray Fluorescence) Analysis	See test results

Signed for and on behalf of SGS North America

Prepared By:

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Assistant Laboratory Manager, Chemistry  
Laboratory

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**1. Test Results – XRF Method (unit: ppm) – Heavy Metals**

Element	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Cadmium Content (Cd)	ND	ND	ND	ND	ND	ND
Lead Content (Pb)	ND	ND	ND	ND	ND	ND
Mercury Content (Hg)	ND	ND	ND	ND	ND	ND
Chromium Content (Cr)	ND	ND	ND	ND	ND	ND
Bromine Content (Br)	ND	ND	ND	ND	ND	ND

Element	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>
Cadmium Content (Cd)	ND	ND	ND	ND	ND
Lead Content (Pb)	ND	ND	ND	ND	110 ppm
Mercury Content (Hg)	ND	ND	ND	ND	ND
Chromium Content (Cr)	ND	ND	ND	ND	ND
Bromine Content (Br)	ND	ND	ND	ND	ND

Sample #	Sample Description
1	100-C Multi-color – Brown Insulation
2	100-C Multi-color – Red Insulation
3	100-C Multi-color – Orange Insulation
4	100-C Multi-color – Yellow Insulation
5	100-C Multi-color – Green Insulation
6	100-C Multi-color – Blue Insulation
7	100-C Multi-color – Purple Insulation
8	100-C Multi-color – Grey Insulation
9	100-C Multi-color – White Insulation
10	100-C Multi-color – Black Insulation
11	100-C Multi-color – Copper Conductor

Note: ND = Not Detected

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**Sample Photo:**



SGS authenticates the photo on the original report only

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

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