

BESTSUB TECHNOLOGIES CO LTD  
RM810 EXCHANGE SQUARE, NO268 DONGFENG ZHONG ROAD, YUEXIU DISTRICT,  
GUANGZHOU 510030 CHINA

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

Sample Description : METAL TIN  
Style / Item No. : TG01, TG02  
Test Performed : Selected test(s) as requested by applicant  
Sample Receiving Date : Jun 16, 2014  
Test Performing Date : Jun 16, 2014 to Jun 24, 2014  
Test Result(s) :

Test Requested	Result
CPSC mechanical and physical tests - 16 CFR 1500.48, 1500.49	PASS
Flammability - 16 CFR 1500.44	PASS
CPSIA section 101(a)(2) - Lead in accessible substrate materials	PASS
To determine the Cadmium(Cd) content in the submitted sample(s).	Refer to next page(s)

Signed for and on behalf of  
SGS-CSTC Ltd.



Jason Cheung  
Approved Signatory



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**I . Test Conducted**

**Part I Physical & Mechanical**

The submitted sample(s) was/were tested for compliance with the requirements of 16 CFR 1500.48 Sharp Point, 16 CFR 1500.49 Sharp Edges and 16 CFR 1501 Small Parts, both before and after applicable use and abuse tests.

	No. of Sample Tested	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As received	2	PASS	PASS	NA
After impact test [ 1500.53(b) ]	2	PASS	PASS	NA
After flexure test [ 1500.53(d) ]	2	PASS	PASS	NA
After torque test [ 1500.53(e) ]	2	PASS	PASS	NA
After tension test [ 1500.53(f) ]	2	PASS	PASS	NA
After compression test [ 1500.53(g) ]	2	PASS	PASS	NA

**Notes:**

- Applicant's specified age group for testing: 3-8 years.
- NA = Not Applicable.
- Tests were conducted using sample which was assembled by adult correctly.

**Part II Flammability Test**

Flammability Test on Solid

AS SPECIFIED IN TITLE 16 PART 1500.44 CODE OF FEDERAL REGULATIONS U.S.A.

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>limit (inch/sec)</u>
Sample 1	DNI	0.10
Sample 2	DNI	0.10

**Requirement:** According to U.S. code of federal regulation title 16 part 1500.3(c)(6)(vi), a toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 inch/sec along its major axis.

**Conclusion:** PASS : After performing the above test, the submitted samples were not flammable solid as defined by U.S. code of federal regulation title 16 part 1500.3(c)(6)(vi).

**Remark:**

DNI = Did Not Ignite

IBE = Ignited but self-extinguished in a very short period which cannot be measured accurately

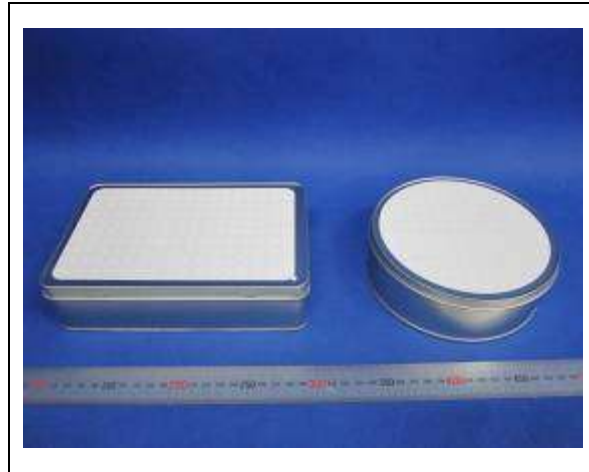


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**Sample Photos:**



**II. SGS Ref No.: CAN14-094447**

Test Requested : As specified by client, selected parts of the submitted sample(s) for compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA):-  
Lead in accessible substrate materials

Remark: Test results in this report are applicable for the item tested and reflects the tested sample as received.

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN14-094447.001	Slivery metal

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated



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**CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)**

Test Method : With reference to CPSC-CH-E1001-08.3 'Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)'.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Lead (Pb)	0.01	%(w/w)	0.002	ND
<b>Comment</b>				<b>PASS</b>

Limit applies to a children's product manufactured after 14 August 2011 (Public Law 112-28 (HR 2715, 112th Congress) amending CPSIA)

**Cadmium (Cd)**

Test Method : With reference to CPSC-CH-E1001-08.3 'Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)'.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cadmium (Cd)	%(w/w)	0.0005	ND



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Sample photo:



Product Photo



Product Photo

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



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