



RUI QIANG HARDWARE PRODUCTS FACTORY CO., LTD

Technical Report: (8814)147-0005

Jun 3, 2014

Date Received: May 26, 2014

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RUI QIANG HARDWARE PRODUCTS FACTORY CO.,
LTD
BEIKENG INDUSTRIAL ZONE, LONGTANG TOWN,
QINGYUAN, GUANGDONG, CHINA

Sample Description:	2055 SILVER	Sample Size:	N/A
Vendor:	N/A	Style No(s):	N/A
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	N/A
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Grade:		Test Starting Date:	MAY 26, 2014
Tested Age Grade:	N/A	Test Finished Date:	JUN 3, 2014
UPC Code:	N/A		

EXECUTIVE SUMMARY:

The tested component sample(s) MEETS the following requirement(s):

- The total lead content in surface coating requirements of ASTM F963-11, "Standard consumer safety specification for toy safety", Section 4.3.5.1(1).
- The soluble heavy metals content in surface coating requirements of ASTM F963-11, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.1(2).

Note: At the request of client, heavy metal test(s) was conducted on the certain component(s) of the submitted sample(s) / submitted component(s).

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Spark Zhang
Senior Engineer, Analytical & Toys Lab

RT/MW

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 85935656 Ext. 8282 CPSAnalytical.DG@cn.bureauveritas.com

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RESULTS:

Total Lead Content in Surface Coating – ASTM International Standard ASTM F963-11, Section 4.3.5.1(1)

Test Method : ASTM International Standard ASTM F963-11, Section 8.3.1 and Annex A7.

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Silvery coating	2055	-

Maximum Allowable Limit :	90 mg/kg
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Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
I001	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10



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RESULTS:

Soluble Heavy Metals Content in Surface Coating – ASTM International Standard ASTM F963-11, Section 4.3.5.1(2)

Test Method : ASTM International Standard ASTM F963-11, Section 8.3.2 to 8.3.4.

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Silvery coating	2055	-

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Max. Limit (mg/kg)	25	1000	75	60	60	90	60	500
Analytical Correction (%)	60	30	30	30	50	30	60	60

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of Trace Amount	Conclusion
Test Item(s)	Result (mg/kg)								(g)	PASS
I001	ND	340	ND	ND	ND	ND	ND	ND	-	

Note / key:

As = Arsenic Ba = Barium Cd = Cadmium Cr = Chromium
 Hg = Mercury Pb = Lead Sb = Antimony Se = Selenium
 ND = Not detected g = gram(s) % = percent
 mg/kg = milligram(s) per kilogram
 Detection Limit (mg/kg) : As : 2.5; Ba : 100; Cd : 7.5; Each (Cr, Hg, & Sb) : 6.0; Pb : 9.0; Se : 50

RESULTS:



END OF REPORT