

Test Report

No. SC090301087

Date: Apr. 1, 2009

Page 1 of 3

SHANGHAI BAICHENG HARDWARE PRODUCT. CO., LTD
NO.197 LUOXIN ROAD, LUODIAN ZHEN, BAOSHANQU, SHANGHAI CITY

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

Sample Name : IRON TUBE-BLUE
Sample No. : SC090301087

Sample Receiving Date : Mar.26, 2009
Testing Period : Mar.26 – Mar.31, 2009

Test Requested : As specified by client, to determine lead content in paint/similar surface coating material (US 16 CFR 1303), phthalates content in the selected parts of the submitted sample(s) with reference to US Public Law 110-314(Consumer Product Safety Improvement Act of 2008).

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

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

Result Summary :

<u>Test item</u>	<u>Conclusion</u>
Lead in paint/similar surface coating material	PASS
Phthalates	PASS

Signed for SGS-CSTC Standards
Technical Services Co., Ltd

Xia Hai
Lab Technical Supervisor

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Test Results:
(1) Lead content in paint/similar surface coating material (Unit:%)

Test Method: With reference to ASTM E1645-01 (2007) and E1613-04

Test item(s)	1	Permissible Limit*
Lead (Pb)	ND	0.009
Comment	PASS	---

* Conclusion is based on the 0.009% limit requirement, effective 14 August, 2009. The current permissible limit is no more than 0.06%

Note:

- 1) %=percentage by weight
- 2) ND=not detected
- 3) Method Detection Limit =0.002%

(2) Phthalates content (Unit:%)

Test Method: With reference to ASTM D3421-75. Analysis was performed by Gas Chromatography/Mass Spectrometer.

Toys and childcare articles

Test item(s)	1	Permissible Limit
Dibutyl Phthalate(DBP)	ND	0.1
Benzylbutyl Phthalate(BBP)	ND	0.1
Bis-(2-ethylhexyl) Phthalate(DEHP)	ND	0.1
Comment	PASS	---

Toys that can be placed in the mouth and childcare articles

Test item(s)	1	Permissible Limit
Diisononyl Phthalate(DINP)	ND	0.1
Di-n-octyl Phthalate(DNOP)	ND	0.1
Diisodecyl Phthalate(DIDP)	ND	0.1
Comment	PASS	---

Note:

- 1) %=percentage by weight
- 2) ND=not detected
- 3) Method Detection Limit for each of DBP, BBP, DEHP and DNOP =0.003%
- 4) Method Detection Limit for each of DINP and DIDP =0.010%
- 5) Effective Date = 10 February 2009

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Page 3 of 3

Sample Description:

1. Blue coating part

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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