

**Technical Report:**

Date Received:

**(9625) 039-0430**

FEBRUARY 08, 2025

FEBRUARY 18, 2025

Page 1 of 10

JIA BAO VIET NAM CO.,LTD

A1-3 LOT (A4 ZONE), D9 STREET, RACH BAP INDUSTRIAL PARK, AN TAY COMMUNE, BEN CAT CITY, BINH DUONG PROVINCIAL, VIET NAM

## Sample Description:

JB-6003 BLACK CHROMATIN  
JB-6006 BLUE CHROMATIN  
JB-6007 ORANGE CHROMATIN  
JB-6002 YELLOW CHROMATIN  
JB-6001 RED CHROMATIN  
JB-8003 BLACK GLAZE  
JB-8007 WHITE GLAZE  
JB-8005 BLACK BROWN GLAZE  
JB-8001 RED GLAZE  
JB-8002 YELLOW GLAZE  
JB-8006 RED BROWN GLAZE  
JB-6520 BLACK COLOR PASTE  
JB-6166 ORANGE COLOR PASTE  
JB-6300 RED COLOR PASTE  
JB-6505 BLUE COLOR PASTE  
JB-1511 YELLOW COLOR PASTE  
JB-3011 MINERAL SPIRITS  
JB-3007 NC THINNER  
JB-3016 NGR THINNER  
JB-3013 PAD THINNER  
JB-4101 NC WHITE PRIMER  
JB-4004 NC YELLOW RESISTANT PRIMER  
JB-4201 NC BLACK PRIMER  
JB-4009 NC PRIMER  
JB-42196 NC WHITE YELLOW RESISTANT PRIMER  
JB-03002 PU TRANS PARENT PRIMER  
JB-03201 PU WHITE PRIMER  
JB-3015 ANTISEPTIC  
JB-4501 NC SOIL FILLING  
JB-B4504 BOT TRET FILLER  
JB-5005 NC FINISH  
JB-5004 NC YELLOW RESISTANT FINISH

Vendor:	/	Sample Size:	/
Manufacturer:	(PAINT) JIABAO VIETNAM CO.,LTD	VPN:	/
Buyer:	ALL CUSTOMER	SKN/SKU No.:	/
Agent:	ALL CUSTOMER		
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	VIETNAM
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	PRODUCTION	ITEM#:	/
Color:	/	Date of Production:	2/2025
Program:	/	Country of Destination:	US MARKET
Previous No:	N/A		



Model/Style#: JB-6003 BLACK CHROMATIN  
JB-6006 BLUE CHROMATIN  
JB-6007 ORANGE CHROMATIN  
JB-6002 YELLOW CHROMATIN  
JB-6001 RED CHROMATIN  
JB-8003 BLACK GLAZE  
JB-8007 WHITE GLAZE  
JB-8005 BLACK BROWN GLAZE  
JB-8001 RED GLAZE  
JB-8002 YELLOW GLAZE  
JB-8006 RED BROWN GLAZE  
JB-6520 BLACK COLOR PASTE  
JB-6166 ORANGE COLOR PASTE  
JB-6300 RED COLOR PASTE  
JB-6505 BLUE COLOR PASTE  
JB-1511 YELLOW COLOR PASTE  
JB-3011 MINERAL SPIRITS  
JB-3007 NC THINNER  
JB-3016 NGR THINNER  
JB-3013 PAD THINNER  
JB-4101 NC WHITE PRIMER  
JB-4004 NC YELLOW RESISTANT PRIMER  
JB-4201 NC BLACK PRIMER  
JB-4009 NC PRIMER  
JB-42196 NC WHITE YELLOW RESISTANT PRIMER  
JB-03002 PU TRANS PARENT PRIMER  
JB-03201 PU WHITE PRIMER  
JB-3015 ANTISEPTIC  
JB-4501 NC SOIL FILLING  
JB-B4504 BOT TRET FILLER  
JB-5005 NC FINISH  
JB-5004 NC YELLOW RESISTANT FINISH

---

**TEST:**

1. CPSIA Total Lead Content In Surface Coating
  2. ASTM F963-23 Heavy Metal Content In Surface Coating
- 

**EXECUTIVE SUMMARY:**

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

1. The total lead content of 90ppm requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" as mandated by Congress in section 101(f) of the Consumer Products Safety Improvement Act (CPSIA) of 2008, Public Law 110-314.

The sample(s) DOES NOT MEETS the following requirement(s):

2. The heavy metals content in surface coating requirements of ASTM F963-23, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.1(2).



**Note(s):**

- This report includes the test result(s) which was conducted & reviewed by Analytical department.

If there is any question regarding this report, please contact the following lab personnel:

**BVCPS Contact information for this report:**

**Technical questions:**

Primary Contact: Suri Tran, Tel: (84-8) 3742 1604~6; Email: [suri.tran@bureauveritas.com](mailto:suri.tran@bureauveritas.com)

**Concerns About Billing and General Inquiries:**

Primary Contact: Elise Vo, Tel: 848-37421-604 ~ 6, Ext: 394; email: [elise.vo@vn.bureauveritas.com](mailto:elise.vo@vn.bureauveritas.com)

**BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.**

**SURI TRAN**  
**LAB MANAGER – ANALYTICAL**

**SAMPLE DESCRIPTION ASSIGNED BY LABORATORY**

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	JB-6003 BLACK CHROMATIN	PAINT	-
I002	JB-6006 BLUE CHROMATIN	PAINT	-
I003	JB-6007 ORANGE CHROMATIN	PAINT	-
I004	JB-6002 YELLOW CHROMATIN	PAINT	-
I005	JB-6001 RED CHROMATIN	PAINT	-
I006	JB-8003 BLACK GLAZE	PAINT	-
I007	JB-8007 WHITE GLAZE	PAINT	-
I008	JB-8005 BLACK BROWN GLAZE	PAINT	-
I009	JB-8001 RED GLAZE	PAINT	-
I010	JB-8002YELLOW GLAZE	PAINT	-
I011	JB-8006 RED BROWN GLAZE	PAINT	-
I012	JB-6520 BLACK COLOR PASTE	PAINT	-
I013	JB-6166 ORANGE COLOR PASTE	PAINT	-
I014	JB-6300 RED COLOR PASTE	PAINT	-
I015	JB-6505 BLUE COLOR PASTE	PAINT	-
I016	JB-1511 YELOW COLOR PASTE	PAINT	-
I017	JB-3011 MINERAL SPIRITS	PAINT	-
I018	JB-3007 NC THINNER	PAINT	-
I019	JB-3016 NGR THINNER	PAINT	-
I020	JB-3013 PAD THINNER	PAINT	-
I021	JB-4101 NC WHITE PRIMER	PAINT	-
I022	JB-4004 NC YELLOW RESISTANT PRIMER	PAINT	-
I023	JB-4201 NC BLACK PRIMER	PAINT	-
I024	JB-4009 NC PRIMER	PAINT	-
I025	JB-42196 NC WHITE YELLOW PESISTANT PRIMER	PAINT	-
I026	JB-03002 PU TRANS PARENT PRIMER	PAINT	-
I027	JB-03201 PU WHITE PRIMER	PAINT	-
I028	JB-3015 ANTISEPTIC	PAINT	-
I029	JB-4501 NC SOIL FILLING	PAINT	-
I030	JB-B4504 BOT TRET FILLER	PAINT	-
I031	JB-5005 NC FINISH	PAINT	-
I032	JB-5004 NC YELLOW RESISTANT FINISH	PAINT	-

### TEST RESULT

**Total Lead Content in Surface Coating:  
 - United States Consumer Product Safety Improvement Act (CPSIA), Section 101(a)(2)**

**Test Method** : CPSC-CH-E1003-09.1 (Issued on February 25, 2011)

<b>Maximum Allowable Limit :</b>	<b>90 mg/kg</b>
----------------------------------	-----------------

-	Unit	Result							
<b>Test Item(s)</b>	-	I001	I002	I003	I004	I005	I006	I007	I008
<b>Parameter</b>	-	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	61	88	85
<b>Conclusion</b>	-	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

-	Unit	Result							
<b>Test Item(s)</b>	-	I009	I010	I011	I012	I013	I014	I015	I016
<b>Parameter</b>	-	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	56	66	67	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

-	Unit	Result							
<b>Test Item(s)</b>	-	I017	I018	I019	I020	I021	I022	I023	I024
<b>Parameter</b>	-	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

-	Unit	Result							
<b>Test Item(s)</b>	-	I025	I026	I027	I028	I029	I030	I031	I032
<b>Parameter</b>	-	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Note / Key :

ND = Not detected

">" = Greater than

NA = Not applicable

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

Potential Total Lead (Pb) = Estimated lead content per component is based on calculation by component individual weight

Detection Limit (mg/kg) : 10



**Total heavy metal in surface coating (ASTM F963-23)**

Test Parameter(s)	Unit(s)	Result(s)						Requirement(s)
Test Item(s)	--	I001	I002	I003	I004	I005	I006	--
Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	ND	Max. 60
Arsenic (As)		ND	ND	ND	ND	ND	ND	Max. 25
Barium (Ba)		ND	ND	ND	ND	ND	ND	Max. 1000
Cadmium (Cd)		ND	ND	ND	ND	ND	ND	Max. 75
Chromium (Cr)		40379	94	49451	61313	28002	32	Max. 60
Lead (Pb)		ND	ND	ND	ND	ND	61	Max. 90
Mercury (Hg)		ND	ND	ND	ND	ND	ND	Max. 60
Selenium (Se)		ND	ND	ND	ND	ND	ND	Max. 500
Conclusion	--	DATA	DATA	DATA	DATA	DATA	PASS	--

Test Parameter(s)	Unit(s)	Result(s)						Requirement(s)
Test Item(s)	--	I013	I014	I015	I016	I017	I018	--
Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	ND	Max. 60
Arsenic (As)		ND	ND	ND	ND	ND	ND	Max. 25
Barium (Ba)		ND	ND	ND	ND	ND	ND	Max. 1000
Cadmium (Cd)		ND	ND	ND	ND	ND	ND	Max. 75
Chromium (Cr)		ND	ND	ND	ND	40	ND	Max. 60
Lead (Pb)		ND	ND	ND	ND	ND	ND	Max. 90
Mercury (Hg)		ND	ND	ND	ND	ND	ND	Max. 60
Selenium (Se)		ND	ND	ND	ND	ND	ND	Max. 500
Conclusion	--	PASS	PASS	PASS	PASS	PASS	PASS	--

Test Parameter(s)	Unit(s)	Result(s)						Requirement(s)
Test Item(s)	--	I019	I020	I021	I022	I023	I024	--
Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	ND	Max. 60
Arsenic (As)		ND	ND	ND	ND	ND	ND	Max. 25
Barium (Ba)		ND	ND	ND	6616	128	ND	Max. 1000
Cadmium (Cd)		ND	ND	ND	ND	ND	ND	Max. 75
Chromium (Cr)		ND	ND	ND	167	ND	ND	Max. 60
Lead (Pb)		ND	ND	ND	ND	ND	ND	Max. 90
Mercury (Hg)		ND	ND	ND	ND	ND	ND	Max. 60
Selenium (Se)		ND	ND	ND	ND	ND	ND	Max. 500
Conclusion	--	PASS	PASS	PASS	DATA	PASS	PASS	--

Test Parameter(s)	Unit(s)	Result(s)						Requirement(s)
Test Item(s)	--	I025	I026	I027	I028	I029	I030	--
Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	ND	Max. 60
Arsenic (As)		ND	ND	ND	ND	ND	ND	Max. 25
Barium (Ba)		ND	ND	ND	ND	ND	ND	Max. 1000
Cadmium (Cd)		ND	ND	ND	ND	ND	ND	Max. 75
Chromium (Cr)		ND	ND	ND	ND	ND	ND	Max. 60
Lead (Pb)		ND	ND	ND	ND	ND	ND	Max. 90
Mercury (Hg)		ND	ND	ND	ND	ND	ND	Max. 60
Selenium (Se)		ND	ND	ND	ND	ND	ND	Max. 500
Conclusion	--	PASS	PASS	PASS	PASS	PASS	PASS	--

Test Parameter(s)	Unit(s)	Result(s)		Requirement(s)
Test Item(s)	--	I031	I032	--
Antimony (Sb)	mg/kg	ND	ND	Max. 60
Arsenic (As)		ND	ND	Max. 25
Barium (Ba)		ND	ND	Max. 1000
Cadmium (Cd)		ND	ND	Max. 75
Chromium (Cr)		ND	ND	Max. 60
Lead (Pb)		ND	ND	Max. 90
Mercury (Hg)		ND	ND	Max. 60
Selenium (Se)		ND	ND	Max. 500
Conclusion	--	PASS	PASS	--

**Key(s) :**

Detection Limit ( mg/kg ) : Sb : 20 ; As : 10 ; Ba : 40 ; Cd : 20 ; Cr : 10 ; Pb : 20 ; Hg : 10 ; Se : 40

ND = Not detected

NA = Not applicable

**Remark(s) :**

---

- The test result was conducted after drying
  - Test Item(s) with total heavy metals content in surface coating exceeding 80 % of this maximum allowable limit based on the lowest weight component or this maximum allowable limit should be considered as data and further tested by soluble heavy metals analysis of ASTM International Standard ASTM F963-23, Sections 8.3.2 to 8.3.4 as specified in Section 8.3.1.3.
-



## TEST RESULT

### Soluble heavy metal in surface coating (ASTM F963-23)

Accessible surface coating material(s) of toy(s) shall not exceed soluble heavy metals limits [mg/kg] of Sb 60, As 25, Ba 1 000, Cd 75, Cr 60, Pb 90, Hg 60 and Se 500.

Test Parameter(s)	Unit(s)	Result(s)						Requirement(s)
Test Item(s)	--	I001	I002	I003	I004	I005	I008	--
Mass of Trace Amount	g	--	--	--	--	--	--	--
Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	ND	Max. 60
Arsenic (As)		ND	ND	ND	ND	ND	ND	Max. 25
Barium (Ba)		ND	ND	ND	ND	ND	ND	Max. 1000
Cadmium (Cd)		ND	ND	ND	ND	ND	ND	Max. 75
Chromium (Cr)		81.9	ND	51	94.5	7.3	ND	Max. 60
Lead (Pb)		ND	ND	ND	ND	ND	ND	Max. 90
Mercury (Hg)		ND	ND	ND	ND	ND	ND	Max. 60
Selenium (Se)		ND	ND	ND	ND	ND	ND	Max. 500
Conclusion	--	<b>FAIL</b>	PASS	PASS	<b>FAIL</b>	PASS	PASS	--

Test Parameter(s)	Unit(s)	Result(s)		Requirement(s)
Test Item(s)	--	I011	I022	--
Mass of Trace Amount	g	--	--	--
Antimony (Sb)	mg/kg	ND	ND	Max. 60
Arsenic (As)		ND	ND	Max. 25
Barium (Ba)		ND	ND	Max. 1000
Cadmium (Cd)		ND	ND	Max. 75
Chromium (Cr)		ND	ND	Max. 60
Lead (Pb)		ND	ND	Max. 90
Mercury (Hg)		ND	ND	Max. 60
Selenium (Se)		ND	ND	Max. 500
Conclusion	--	PASS	PASS	--

#### Key(s) :

Analytical Correction ( % ) - Sb : 60 ; As : 60 ; Ba : 30 ; Cd : 30 ; Cr : 30 ; Pb : 30 ; Hg : 50

Detection Limit ( mg/kg ) : Sb : 6.0 ; As : 2.5 ; Ba : 100 ; Cd : 7.5 ; Cr : 6.0 ; Pb : 9.0 ; Hg : 6.0 ; Se : 50

ND = Not detected

NA = Not applicable

#### Remark(s) :

- The received sample(s) contained scrapable surface coating material(s) of less than 10 milligrams by weight on one single sample, therefore such coating material(s) was (were) not subject to the soluble heavy metals content analysis of ASTM International Standard ASTM F963-23, Section 4.3.5.1(2), as specified in Section 8.3.3.6(2).
- <sup>c</sup> denotes as reported result(s) was (were) adjusted by analytical correction in Key(s) section.

