

Applicant: DONGGUAN JIAN PLASTIC & METAL PRODUCTS LTD.
NO.3-1, SOUTH GAOBU BLVD
GAOBU, DONGGUAN, CHINA
ZIP CODE: 523278

Date: Feb 24, 2018
THIS IS TO SUPERSEDE REPORT
NO. GZHT90769629 DATED FEB
08, 2018

Attn: LILY/NANCY

Sample Description:

One (1) piece of submitted sample said to be Silver aluminum plate.

Standard : --
Buyer's Name : WORLD WIDE
Colour : --
Vendor : WORLD WIDE
Manufacturer : CHINA
Supplier : CHINA
Style No./Name : --
P.O. No. : --
Ref. : ALUMINUM
AGE RANGE: 3+
Country Of Origin : MADE IN CHINA
Goods Exported To : WORLD WIDE
Date Received/Date Test Started : Jan 15, 2018
Date Final Information Confirmed: Jan 17, 2018

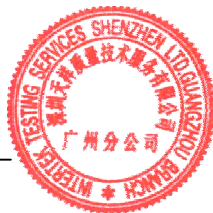
Conclusion:

Index	Test Item	Result
1.	19 Toxic Elements Migration Test	Meet Applicant's Requirement
2.	Toxic Elements-Analysis	Meet Applicant's Requirement
3.	Soluble Lead Content Test	Pass

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Huang Ning, Andy
Assistant General Manager



SX/moonlee

1 19 Toxic Element Migration Test

With Reference To EN71-3:2013+A1:2014 And Followed By Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES).

Category (III): Scraped-Off Toy Material

Element	Result (Mg/Kg)	Limit (Mg/Kg)
Aluminium (Al)	< 300	70000
Antimony (Sb)	< 10	560
Arsenic (As)	< 10	47
Barium (Ba)	< 10	18750
Boron (B)	< 50	15000
Cadmium (Cd)	< 5	17
Chromium (III) (Cr III) ⁺⁺	< 10	460
Chromium (VI) (Cr VI) ⁺⁺	< 0.1	0.2
Cobalt (Co)	< 10	130
Copper (Cu)	< 10	7700
Lead (Pb)	< 10	160
Manganese (Mn)	54	15000
Mercury (Hg)	< 10	94
Nickel (Ni)	< 10	930
Selenium (Se)	< 10	460
Strontium (Sr)	< 100	56000
Tin (Sn)	< 10	180000
Organic Tin ⁺⁺	< 3.0	12
Zinc (Zn)	< 100	46000

Remark : Mg/Kg = Milligram Per Kilogram

⁺⁺ = Unless The Test Results Were Marked With "#" Or "Δ", Chromium (III) & Chromium (VI) And Organic Tin Contents Were Not Directly Determined And Were Derived From Migration Results Of Total Chromium And Tin Respectively.

- Organic Tin Test Result Was Expressed As Tributyl Tin.

Tested Component: Silver Color Metal.

Comment:

When Tested As Specified, The Screening Cr / Tin Content Exceeded The Cr(VI) Limit / Organic Tin Limit Of The EN71-3 : 2013+A1:2014 On The Safety Of Toys. However, As Requested By The Applicant, Cr(VI) / Organic Tin Confirmation Test Was Not Conducted On The Submitted Sample.

2 Toxic Elements Analysis

With Reference To Section 4.3.5 Of The ASTM Standard Consumer Safety Specification On Toy Safety ASTM F 963-16, Acid Digestion And Extraction Methods Were Used And Toxic Elements Content Were Determined By Inductively Coupled Argon Plasma Spectrometry.

	<u>Result In ppm</u>	<u>Applicant's Limit In ppm</u>
Sol. Barium (Ba)	ND	1000
Sol. Lead (Pb)	ND	90
Sol. Cadmium (Cd)	ND	75
Sol. Antimony (Sb)	ND	60
Sol. Selenium (Se)	ND	500
Sol. Chromium (Cr)	ND	60
Sol. Mercury (Hg)	ND	60
Sol. Arsenic (As)	ND	25

Remark: Sol. = Soluble
ND = Not detected
Detection limit = 10 ppm
ppm = Parts Per Million

Tested Component: Silver Color Metal.

3 Soluble Lead Content Test On Metal Toy Accessories

Test Method: Japan Toy Safety Standard 2016 Part 3 Chemical Properties Clause 2.7, 2.12, Acid Extraction Method Was Used And Soluble Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
< 5	90

Remark: mg/kg = milligram per kilogram

Tested Component: Silver Color Metal.

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GZHT90769629(S1)





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To : DONGGUAN JIAN PLASTIC & METAL PRODUCTS
Attention : LILY/NANCY Date : Feb 24, 2018

Re : Report Revision Notification

Labtest Report Number GZHT90769629 date FEB 08, 2018

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Labtest Report, Number GZHT90769629(S1) , issued on Feb 24, 2018 .

Thank you for your attention

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Huang Ning, Andy
Assistant General Manager

