

Test Report

Number: SZHH00764711

Applicant: SHENZHEN NEW DONG BO METAL PRODUCTS
NO.7, XINFENG ROAD, NIANFENG VILLAGE,
PINGDI TOWN, LONGGANG DISTRICT,
SHENZHEN CITY

Date: Feb 27, 2013

Attn: LIU YUAN JUN

Sample Description:

One (1) submitted sample said to be **swc+dyed black.**

Heat No. **S172011498.**

Lot No. : 20130218A05-01.

Factory : New Dong Bo.

SZHH00764711



Tests conducted:

As requested by the applicant, for details refer to attached page(s)

Conclusion:

Tested Samples
Submitted Sample

Standard
Mattel QSOP No. 0006-3600 Rev. Z clause 2.3.2.2 for
heavy elements Test

Result
Pass

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Authorized by:
For Intertek Testing Services
Shenzhen Ltd.

Ben N.L. Lin
General Manager



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Tests Conducted

1 Heavy Elements Analysis

As per Mattel Quality and Safety Operating Procedure No. 0006-3600 Rev. Z Clause 2.3.2.2, acid digestion and extraction methods were used and heavy elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Total Elements Content	Result (ppm)	Limit (ppm)	
		Tot.	Soluble Method 1
Tot. Barium (Ba)	15	--	500
Tot. Lead (Pb)	<5	90	46
Tot. Cadmium (Cd)	<5	75	17
Tot. Antimony (Sb)	<5	--	60
Tot. Selenium (Se)	<5	--	300
Tot. Chromium (Cr)	152	--	60
Tot. Mercury (Hg)	<5	--	60
Tot. Arsenic (As)	34	--	25
Tot. Aluminum (Al)	<10	--	70000
Tot. Boron (B)	<10	--	15000
Tot. Cobalt (Co)	30	--	130
Tot. Copper (Cu)	354	--	7700
Tot. Manganese (Mn)	3840	--	15000
Tot. Nickel (Ni)	120	10000	930
Tot. Strontium (Sr)	<10	--	56000
Tot. Tin (Sn)	16	--	180000
Tot. Zinc (Zn)	74	--	46000

<u>Soluble Elements Content</u>	<u>Result (ppm)</u> <u>Soluble Method 1</u>	<u>Limit (ppm)</u> <u>Soluble Method 1</u>
Sol. Chromium (Cr)	<2.5	60
Sol. Arsenic (As)	<2.5	25

ppm = parts per million

Tot. = Total

Sol. = Soluble

Tested sample: Black plated metal.

Date sample received : Feb 21, 2013

Testing period : Feb 21, 2013 to Feb 26, 2013

End of report

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