



**Test Report**

Number: SZHH00764709

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

Date: Feb 26, 2013

Attn: LIU YUAN JUN

**Sample Description:**

One (1) submitted sample said to be : **SWC wire.**  
Heat No. : **S172011498.**  
Factory's Name : **New Dong Bo.**



**Tests conducted:**

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

**Conclusion:**

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	Mattel QSOP No. 0006-3600 Rev. Z clause 2.3.2.2 for heavy elements Test	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)	<5	--	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)	388	--	60
Tot. Mercury (Hg)	<5	--	60
Tot. Arsenic (As)	35	--	25
Tot. Aluminum (Al)	<10	--	70000
Tot. Boron (B)	<10	--	15000
Tot. Cobalt (Co)	29	--	130
Tot. Copper (Cu)	536	--	7700
Tot. Manganese (Mn)	5610	--	15000
Tot. Nickel (Ni)	128	10000	930
Tot. Strontium (Sr)	<10	--	56000
Tot. Tin (Sn)	31	--	180000
Tot. Zinc (Zn)	188	--	46000

Soluble Elements Content	Result (ppm) Soluble Method 1	Limit (ppm)	
		Soluble Method 1	
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

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End of report

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