

Test Report

No. NGBTY1301428401

Date: 12 Aug 2013

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NINNBO BOHAI IMPORT&EXPORT COMPANY LIMITED

RM.B-1302,JIAHUI INTERNATIONAL TRADE CENTER NO.1,LINE 28,BAIZHANG EAST ROAD,NINGBO

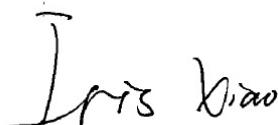
The following sample(s) was/were submitted and identified on behalf of the clients as : HARD WOOD SWING

SGS Job No. : NBTY201301554 - NB
Style No. : S04-202
Country of Origin : CHINA
Requested Age Grading : >36MONTHS
Date of Sample Received : 02 Aug 2013
Testing Period : 02 Aug 2013 - 12 Aug 2013
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
EN 71-3:2013 under European Directive 2009/48/EC– Migration of certain elements (for scrapped-off toy material)	PASS

Signed for and on behalf of
SGS-CSTC Ltd.



Iris Xiao
Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	NGB13-014284.001	Natural colored wood
2	NGB13-014284.002	Transparent coating
3	NGB13-014284.003	Blackish green plastic
4	NGB13-014284.004	Light brown plastic rope

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EN 71-3:2013 under European Directive 2009/48/EC– Migration of certain elements (for scrapped-off toy material)

Test Method : With reference to EN 71-3:2013. Analysis was performed by ICP-OES.

Soluble Chromium (VI) was analyzed by IC-ICP-MS

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Chromium (VI)	0.2	mg/kg	0.2	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	10	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	92	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	133	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
Soluble Organic Tin (expressed as tin)	12	mg/kg	4.9	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>		
Soluble Chromium (VI)	0.2	mg/kg	0.2	ND		
Soluble Lead (Pb)	160	mg/kg	10	ND		
Soluble Antimony (Sb)	560	mg/kg	10	ND		
Soluble Arsenic (As)	47	mg/kg	10	ND		
Soluble Barium (Ba)	18750	mg/kg	50	ND		
Soluble Cadmium (Cd)	17	mg/kg	10	ND		
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND		
Soluble Mercury (Hg)	94	mg/kg	10	ND		
Soluble Selenium (Se)	460	mg/kg	10	ND		
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Soluble Strontium (Sr)	56000	mg/kg	50	ND		
Soluble Tin (Sn)	180000	mg/kg	4.9	ND		
Soluble Zinc (Zn)	46000	mg/kg	50	ND		
Soluble Copper (Cu)	7700	mg/kg	50	ND		
Soluble Aluminum (Al)	70000	mg/kg	50	ND		
Soluble Nickel (Ni)	930	mg/kg	10	ND		
Soluble Organic Tin (expressed as tin)	12	mg/kg	4.9	ND		

Notes :

(1) For sample 001 and 002, additional test on soluble chromium (III) & chromium (VI) was performed since soluble Cr result exceeded the limit of chromium (III) & chromium (VI)

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Sample photo:



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