

## Test Report

No. NGBTY1404059801

Date: 02 Dec 2014

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NINGBO BOHAI IMPORT&EXPORT COMPANY LIMITED  
B-1302,JIAHUI INTERNATIONAL CENTER NO.1,,LANE28,BAIZHANG EAST ROAD,NINGBO

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

SGS Job No. : NBTY201404485 - NB

Style No. : S04-202/S04-201

Client Ref. Information : J-418/J-478/J-488

Requested Age Grading : 3+

Date of Sample Received : 26 Nov 2014

Testing Period : 26 Nov 2014 - 02 Dec 2014

Test Requested : Selected test(s) as requested by client.

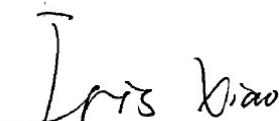
Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)	PASS
Entry No. 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) No 835/2012 and (EU) No 494/2011 - Cadmium (Cd)	PASS
Pentachlorophenol (PCP)	See Results

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
SN1	NGB14-040598.001	Transparent coating
SN2	NGB14-040598.002	Black plastic (On rope)
SN3	NGB14-040598.003	Green plastic (On rope)
SN4	NGB14-040598.004	Brown plastic rope
SN5	NGB14-040598.005	Cream wood

Remarks :

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

## Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)

Test Method : With reference to EN14372: 2004, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001	002	003
<b>1. For all toys and childcare articles</b>							
Dibutyl Phthalate (DBP)	84-74-2	-	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	%	0.003	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	%	0.003	ND	ND	ND
Total (DBP+BBP+DEHP)		0.1	%	-	ND	ND	ND

## **2. For toys and childcare articles that can be mouthed**



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
Diisobutyl Phthalate (DINP)	28553-12-0/68515 -48-0	-	%	0.010	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	-	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/68515 -49-1	-	%	0.010	ND	ND	ND
Total (DINP+DNOP+DIDP)		0.1	%	-	ND	ND	ND

### Conclusion

PASS PASS PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>
<b>1. For all toys and childcare articles</b>					
Dibutyl Phthalate (DBP)	84-74-2	-	%	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	%	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	%	0.003	ND
Total (DBP+BBP+DEHP)		0.1	%	-	ND
<b>2. For toys and childcare articles that can be mouthed</b>					
Diisobutyl Phthalate (DINP)	28553-12-0/68515 -48-0	-	%	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	-	%	0.003	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>
Diisodecyl Phthalate (DIDP)	26761-40-0/68515 -49-1	-	%	0.010	ND
Total (DINP+DNOP+DIDP)		0.1	%	-	ND

## Conclusion

PASS

## Notes :

(1) European Parliament adopted new phthalate Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC);

(1-1) DBP, BBP and DEHP are totally banned for use in any toys on childcare articles where their concentration exceeds 0.1% by mass.

(1-2) DINP, DNOP, DIDP are totally banned for use in toys and childcare articles that can be mouthed where their concentration exceeds 0.1% by mass.

Entry No. 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) No 835/2012 and (EU) No 494/2011 - Cadmium (Cd)

Test Method : With reference to EN 1122:2001 Method B. Analysis was performed by AAS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>	<u>003</u>	<u>004</u>
Cadmium (Cd)	0.01	%	0.0005	ND	ND	ND
<b>Conclusion</b>				<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Entry No. 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) No 835/2012 and (EU) No 494/2011 - Cadmium (Cd)

Test Method : With reference to EN 1122:2001 Method B. Analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cadmium (Cd)	0.1	%	0.0005	ND
<b>Conclusion</b>				<b>PASS</b>



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**Pentachlorophenol (PCP)**

Test Method : With reference to LFGB § 64 BVL B 82.02.08:2001, analysis was performed by GC-ECD or GC-MS.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>005</u>
Pentachlorophenol (PCP)	mg/kg	0.05	ND

Sample photo:



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