

Report No.: **168477836d 001**

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Client: **NINGBO PRINCE TOYS CO.,LTD.**

Contact Information: No.777 East Taoyuan Road,Guanhaiwei Town,Cixi City,Zhejiang,China.

Buyer's name: **LANDMARK**

Test item(s): Toys

Identification/

Model No(s): **BABY RIDE ON CAR**
662/663/660/661

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2024-04-03

Testing Period: 2024-04-12 to 2024-04-17

Place of testing: Chemical laboratory Shenzhen

Test Specification:

- | | |
|---|------|
| 1. 16 C.F.R. 1303 (CPSIA Sect. 101), ASTM F963-23 Sect. 4.3.5.1 : Total lead content in paint and coating materials | PASS |
| 2. 15 USC 1278a (CPSIA Sect. 101), ASTM F963-23 Sect. 4.3.5.2 : Total lead content in substrate materials | PASS |
| 3. ASTM F963-23 Sect. 4.3.5.1 and 4.3.5.2: Soluble heavy metal | PASS |
| 4. CPSIA Section 108 as amended by 16 CFR 1307 and ASTM F963-23 cl.4.3.8: Phthalates | PASS |

Test result:

For and on behalf of
TÜV Rheinland (Shenzhen) Co., Ltd.



2024-04-22

Tocker Jiang / Project Engineer

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.
This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.
"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Material List:

 Item: BABY RIDE ON CAR
 662/663/660/661

Material No.	Material	Color	Location
M001	Coating	Multicolor	Sticker (663, 660, 661, 662)
M002	Paper + adhesive	White	Sticker (663, 660, 661, 662)
M004	Coating	Black	J-shaped stick (663, 660, 661, 662)
M005	Plastic	Black	Seat, wheel, steering wheel, chassis, bucket (663, 662)
M006	Plastic	Yellow	Body, wheel, arm (663, 662)
M007	Plastic	Red	Rotary knob, fastener of seat, button (663, 662)
M009	Plastic + printing + paper + adhesive	Transparent/ black/ white	Sticker (663, 660, 661)
M010	Plastic	Dark grey	Handle bar (663)
M008	Plastic	Dark blue	Washer of nut (663, 662)
M013	Metal	Silvery	J-shaped stick (663, 660, 661, 662)
M014	Metal	Silvery blue	Screw, nut, bolt, alex (663, 660, 661, 662)
M015	Metal + plating	Silvery/ black	Screw (663, 660, 661, 662)
M011	Plastic	Beige	Tool (663)
M016	Plastic	Yellow/ dark blue	Body, wheel, arm, washer of nut (663, 662)
M017	Coating	Multicolor	Plastic sticker (660, 661)
M018	Plastic + adhesive	White	Sticker (660, 661)
M020	Coating	Multicolor	Logo on car (660, 661)
M023	Plastic	Black	Backrest (660)
M024	Plastic	Black	Wheel hub (660, 661)
M025	Plastic	Grey	On wheel (660, 661)
M026	Plastic	Green	Body (660)
M027	Plastic	Orange	On body (660)
M028	Plastic	Orange	Body (661)
M029	Plastic	White	Body (660, 661)

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M012	Plastic + printing + paper + adhesive	Multicolor	Sticker (663, 660, 661)
M019	Plastic + coating + adhesive	White/ multicolor	Plastic sticker (660, 661)
M021	Plastic	Black	Body (660, 661)
M022	Plastic + coating	Black/ multicolor	Body (660, 661)
M030	Plastic	Black	Handle bar, fastener of arm (662)
M031	Plastic	Light grey	Arm of digging bucket (662)

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1.16 C.F.R. 1303 (CPSIA Sect. 101), ASTM F963-23 Sect. 4.3.5.1 : Total lead content in paint and coating materials

Test method: CPSC-CH-E1003-09.1 (Microwave method)

Test result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M001 + M004	Lead Content	ppm	10	90	36
T002	M017 + M020	Lead Content	ppm	10	90	< RL

Abbreviation: < = less than
RL = Reporting Limit
ppm = parts per million

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2.15 USC 1278a (CPSIA Sect. 101), ASTM F963-23 Sect. 4.3.5.2 : Total lead content in substrate materials

Test method: CPSC-CH-E1001-08.3 and CPSC-CH-E1002-08.3 (Microwave method)

Test result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M002 + M005 + M007	Lead Content	ppm	10	100	< RL
T002	M010 + M011 + M016	Lead Content	ppm	10	100	< RL
T003	M013 + M014 + M015	Lead Content	ppm	10	100	< RL
T004	M009	Lead Content	ppm	10	100	< RL
T005	M018 + M021 + M023	Lead Content	ppm	10	100	< RL
T006	M024 + M025 + M026	Lead Content	ppm	10	100	< RL
T007	M027 + M028 + M029	Lead Content	ppm	10	100	< RL
T008	M030 + M031	Lead Content	ppm	10	100	< RL

 Abbreviation: < = less than
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 ppm = parts per million

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3.ASTM F963-23 Sect. 4.3.5.1 and 4.3.5.2: Soluble heavy metal

Test method: For paint and similar surface-coating materials: ASTM F963-23 Section 8.3.2 – 8.3.4
Method to Dissolve Soluble Matter for Surface Coatings, Preparation of Test Samples and Test Procedures
For substrate: ASTM F963-23 Section 8.3.5 Soluble Element Test Method for Substrate Materials

Test result:

Test No.	Material No.	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Mass of trace amount (mg)	
		Maximum Permissible Limit of Any Toy Materials except Modelling Clay (mg/kg)									
		60	25	1000	75	60	90	60	500		
		Maximum Permissible Limit of Modelling Clay (mg/kg)									
		60	25	250	50	25	90	25	500		
		RL (mg/kg)									
		5	5	2.5	2.5	2.5	2.5	2.5	10		
T001	M001	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T002	M002	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T003	M004	< RL	< RL	6.2	< RL	18.2	6.2	< RL	< RL	-	
T004	M005	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T005	M006	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T006	M007	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T007	M008	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	34.5	
T008	M009	< RL	< RL	3.2	< RL	< RL	< RL	< RL	< RL	-	
T009	M010	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T010	M017	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	70.4	
T011	M018	< RL	< RL	2.6	< RL	< RL	< RL	< RL	< RL	-	
T012	M020	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T013	M021	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T014	M023	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T015	M024	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T016	M025	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T017	M026	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T018	M027	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T019	M028	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T020	M029	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T021	M030	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	
T022	M031	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-	

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

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Remark:

* Migration results of eight elements shown are the adjusted analytical results

<i>Element</i>	<i>Sb</i>	<i>As</i>	<i>Ba</i>	<i>Cd</i>	<i>Cr</i>	<i>Pb</i>	<i>Hg</i>	<i>Se</i>
<i>Analytical Correction (in %)</i>	60	60	30	30	30	30	50	60

** According to ASTM F963-23, if the weight of a test portion of toy material is less than 10 mg, the analysis of migration of certain elements would not be required. If the weight of a test portion of toy material is between 10 mg and 100 mg, the analytical results would be calculated as though 100mg of the test portion had been used.

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4. Phthalates content

Test Method: Ref. to CPSC-CH-C1001-09.4

Test Result:

Test No. Material No.				T001 M005 + M007 + M010	T002 M011 + M016 + M012	T003 M019 + M022 + M023
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass
Conclusion: ASTM F963-23 cl.4.3.8 and CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass

Test No. Material No.				T004 M024 + M025 + M026	T005 M027 + M028 + M029	T006 M030 + M031
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.01	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.01	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.01	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.01	< RL	< RL	< RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.01	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.01	< RL	< RL	< RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.01	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.01	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.01	< RL	< RL	< RL
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass
Conclusion: ASTM F963-23 cl.4.3.8 and CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass

Abbreviation: < = less than
 RL = Reporting Limit
 % = percentage

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Remark:

- Requirement of Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):DEHP, BBP, DBP, DIDP and DnHP content
1,000ppm (0.1%) each as quoted from County of Alameda Case No. BG-07350969
- Requirement of ASTM F963-23 cl.4.3.8 and Consumer Product Safety Improvement Act 2008, section 108, as amended by 16 CFR 1307 is summarized below:

Parameter	Unit	Maximum Permissible Limit
Accessible plasticized components in children's toy or childcare article:		
Dibutyl phthalate (DBP), Benzylbutyl phthalate (BBP), Diethylhexyl phthalate (DEHP), Diisononyl phthalate (DINP), Diisobutyl Phthalate (DIBP), Di-n-pentyl Phthalate (DPENP) (DnPP), Di-n-hexyl Phthalate (DHEXP) (DnHP), Dicyclohexyl Phthalate (DCHP)	%	0.1 (each)

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Sample Photos



Reference photo provided by customer



Reference photo provided by customer

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Sample Photos



Reference photo provided by customer



Reference photo provided by customer

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