

**Report No.:** 244277890b 001 Page 1 of 10

**Client:** BELEDUC LERNSPIELWAREN GMBH

**Contact Information:** Heinrich-Heine-Weg 2 09526 Olbernhau / Germany

**Test item(s):** Toy

**Identification/ Model No(s):** Refer to detail list

**Sample obtaining method:** Sending by customer

**Sample Receiving date:** 2020-11-24

**Testing Period:** 2020-11-24 to 2020-11-27

<b>Test Specification:</b>	<b>Test result:</b>
1. REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII entries 51 and 52 : Phthalates	PASS
CPSIA Section 108 as amended by 16 CFR 1307 : Phthalates	PASS
California Safe Drinking Water and Toxic Enforcement Act of 1986 (CA Prop 65): DEHP, BBP, DBP, DIDP, DnHP content	PASS
2. GB 6675.1 - 2014 Basic Code Section 5.3.7 - Phthalate requirement 玩具安全 第1 部分基本规范第5.3.7章 - 增塑剂要求	PASS
3. Total Cadmium Content - REACH regulation (EC) No. 1907/2006 Annex XVII Item 23 and its amendments (EC) No. 552/2009, (EU) No. 494/2011, (EU) No. 835/2012 and (EU) No. 217/2016.	PASS

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



2020-12-07

Date

Wice Wang / General Manager

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.*

**Test Report No.: 244277890b 001**

Page 2 of 10

HAPE NEW NO.	BEL NO.	DESCRIPTION	中文描述	Test Age group
B64361	64361	Carousel - part 1	魔力转盘(新)——底部	36M+
B64362	64362	Carousel - part 2	魔力转盘(新)——旋转部分	36M+



**Test Report No.: 244277890b 001**

Page 3 of 10

**Material List:**

Item: Refer to detail list

Material No.	Material	Color	Location
M003	Plastic	Black	PP cap
M004	Coating	Orange	On stainless
M007	Coating	Black	On wood



**Test Report No.: 244277890b 001**

Page 4 of 10

**1. Phthalates content**

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

**Test Result:**

Test Parameter	CAS NO	Test No.		T001	T002	T003
		Unit	RL	M003	M004	M007
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< RL	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< RL	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.005	< RL	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	< RL	< RL	< RL
Sum (DEHP+DBP+BBP+DIBP)	-	%	0.005	<RL	<RL	<RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.005	< RL	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.005	< RL	< RL	< RL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< RL	< RL	< RL
Sum (DINP+ DIDP+ DNOP)	--	%	0.005	<RL	<RL	<RL
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.005	< RL	< RL	< RL
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	< RL	< RL	< RL
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	< RL	< RL	< RL
Conclusion: REACH regulation (EC) No. 1907/2006 and its amendment regulations on Annex XVII entries 51 and 52				Pass	Pass	Pass
Conclusion: CPSIA Section 108 as amended by 16 CFR 1307				Pass	Pass	Pass
Conclusion: CA Prop 65 DEHP, BBP, DBP, DIDP and DnHP content				Pass	Pass	Pass

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

**Remark:**


**Test Report No.: 244277890b 001** Page 5 of 10

- Requirement of REACH regulation (EC) No. 1907/2006 and its amendment regulations on Annex XVII entries 51 and 52:

Parameter	Unit	Maximum Permissible Limit
Plasticised materials in toys and childcare articles, or other articles# place on the market;		
Diethylhexyl phthalate (DEHP) Dibutyl phthalate (DBP) Benzylbutyl phthalate (BBP) Diisobutyl phthalate (DIBP)	%	0.1 (individually or sum of the four phthalates) Effective after 7 July 2020.
Plasticised materials in children's toy and childcare articles which can be placed in the mouth by children:		
Di-n-octyl phthalate (DNOP) Diisodecyl phthalate (DIDP) Diisononyl phthalate (DINP)	%	0.1 (sum of the three phthalates)

Denote:

# Examples of articles that are excluded from the restriction

- 1) Articles exclusively for industrial / agricultural use / use in open air, provided that no plasticised material comes into contact with human mucous membranes or into prolonged contact with human skin (i.e. Continuous contact of more than 10 minutes duration or intermittent contact over a period of 30 minutes, per day.)
  - 2) Aircraft and motor vehicles (Directive 2007/46/EC) placed on the market before 7 January 2024, or articles for use exclusively in the maintenance or repair of them
  - 3) Measuring devices for laboratory use;
  - 4) Food contact material and articles within the scope of Regulation (EC) No 1935/2004 or Commission Regulation (EU) No 10/2011
  - 5) Medical devices (Directive 90/385/EEC, 93/42/EEC or 98/79/EC)
  - 6) Electrical and electronic equipment within the scope of Directive 2011/65/EU
  - 7) Immediate packaging of medicinal products (Regulation (EC) No 726/2004, Directive 2001/82/EC or Directive 2001/83/EC)
- Single component with an amount below reporting limit was not considered by the calculation of the sum. In the case of all phthalates were not detected, the result is stated n.d.
- Requirement of 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)



**Test Report No.: 244277890b 001**

Page 6 of 10

- 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



**Test Report No.: 244277890b 001**

Page 7 of 10

**2.GB 6675.1 - 2014 Basic Code Section 5.3.7 - Phthalate requirement**

玩具安全 第1 部分基本规范第5.3.7章 - 增塑剂要求

Test Method GB/T 22048-2015

测试方法:

**Test Result 测试结果**

Test No. 测试号码					T001	T002	T003
Material No. 物料号码					M003	M004	M007
Test Parameter 参数	CAS NO 编号	Unit 单位	RL 报告限值	Regulatory requirement 法例要求	Result 结果	Result 结果	Result 结果
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯	84-74-2	%	0.005	--	< RL	< RL	< RL
Benzylbutyl phthalate (BBP) 邻苯二甲酸苯基丁酯	85-68-7	%	0.005	--	< RL	< RL	< RL
Diethylhexyl phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯	117-81-7	%	0.005	--	< RL	< RL	< RL
Sum总含量 (DBP+BBP+DEHP)		%	N/A	<b>0.1</b>	<RL	<RL	<RL
Di-n-octyl phthalate (DNOP) 邻苯二甲酸二辛酯	117-84-0	%	0.005	--	< RL	< RL	< RL
Diisodecyl phthalate (DIDP) 邻苯二甲酸二异癸酯	26761-40-0, 68515-49-1	%	0.005	--	< RL	< RL	< RL
Diisononyl phthalate (DINP) 邻苯二甲酸二异壬酯	28553-12-0, 68515-48-0	%	0.005	--	< RL	< RL	< RL
Sum总含量 (DNOP+DIDP+DINP)		%	0.005	0.1	<RL	<RL	<RL

**Abbreviation:** < = less than 少于  
简称 RL = Reporting Limit 表示报告限值  
NA = Not Applicable 表示不适用  
% = percentage 表示百分率

**Remark 备注:**

- \*1 Single component with an amount below reporting limit was not considered by the calculation of the sum. In the case of all 6 Phthalates were not detected, the result is stated < RL  
单个邻苯二甲酸酯的含量低于报告限值, 在计算邻苯二甲酸酯总含量时不被考虑。



**Test Report No.: 244277890b 001**

Page 8 of 10

**3.Total Cadmium Content**

Test Method: For plastic: EN 1122:2001 (method B)  
 For metal and other material: Acid digestion, analyzed by AAS/ ICP-OES

**Test Result:**

Test No.	Material No.	Test Parameter	Unit	RL	Test Result
T001	M003	Trial 1	mg/kg	10	< RL
		Trial 2	mg/kg	10	< RL
		Average	mg/kg	10	< RL
T002	M004	Trial 1	mg/kg	10	< RL
		Trial 2	mg/kg	10	< RL
		Average	mg/kg	10	< RL
T003	M007	Trial 1	mg/kg	10	< RL
		Trial 2	mg/kg	10	< RL
		Average	mg/kg	10	< RL

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





**Test Report No.: 244277890b 001** Page 9 of 10

**Remark:**

\*Regulations on Cadmium

		Maximum Permissible Limit				
EU	Legislation	Plastic materials	Paint (wet state)	Paint on the painted articles	Paint (high zinc content)	Metal parts of jewellery and imitation jewellery articles and hair accessories
EC	REACH regulation (EC) No. 1907/2006 Annex XVII Item 23 and its amendments (EC) No. 552/2009, (EU) No. 494/2011, (EU) No. 835/2012 and (EU) No. 217/2016.	100mg/kg	100mg/kg	1000mg/kg	1000mg/kg	100mg/kg

		Maximum Permissible Limit
Country	Legislation	Paint, plastic, plating/ coating of surface treatment
Switzerland	Switzerland Chemikalien-Risikoreduktions-Verordnung-ChemRRV, 814.81, 18 May 2005	100mg/kg



**Test Report No.: 244277890b 001**

Page 10 of 10

Sample Photo



B64361&&B64362

- END -



