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CNAS L2929

**Test Report**

No.T51910280311TC

Date: SEP 10, 2019

Page 1 of 8

SHANTOU YUANDA TOYS INDUSTRIAL CO.,LTD  
DONGHU INDUSTRIAL ZONE,CHENGHAI  
DIST.,SHANTOU CITY,GUANGDONG PROVINCE

The following samples were submitted and identified by/on behalf of the client as:

SPORTS TABLE GAME

Item No. : 1091, 1092, 1093, 1102, 1101, 1068, 1069, 1070, 1072, 1073, 1075, 1080, 1081, 1083, 1085, 1086, 1087, 1088, 1089, 1090, 1077, 1076, C1067, 1056, 1058, 1052, 1051, 1019, C2006+P4, 2006, C2005, C2003, 2037, 2036, 2035, 2033, C6008, 6002B-4, 3020, 3021, 3022, G3061, G3060, 3009, 3008, 3007, 3005, 3003, 3001, D7001, D7002, D7003, 7005, 1015, 1016, 1062, 1063, 1065, 1112, 1113, 2038, 2039, 2050, A6025, A6026, A6029, A6030, A6027, A6028

Requested Age Grading : 3+

Sample Receiving Date : SEP 04, 2019

Testing Period : SEP 04, 2019 TO SEP 09, 2019



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No. T51910280311TC

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Test Requested		Conclusion
1.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content in the specified specimen(s) as listed	PASS
2.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Phthalates content in the specified specimen(s) as listed	PASS
3.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Polycyclic Aromatic Hydrocarbons (PAHs) Content in the specified specimen(s) as listed	PASS
4.	Di-n-hexyl phthalate (DnHP) Content in the specified specimen(s) as listed	SEE RESULT
5.	Diisobutyl phthalate (DIBP) Content in the specified specimen(s) as listed	SEE RESULT

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Standards Technical  
Services Co., Ltd. Shenzhen Branch Testing Center



T51910280311TC

Qu Ping, Kiky  
Dept. Manager  
CNAS Approved Signatory



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**Results:**

**1. Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – Cadmium Content**

Method: With reference to EN1122: 2001 method B / IEC 62321-5:2013

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

For Plastic

Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Laminated paper w/ multi-color printing (Body)	2	1	ND
2. Brown hardboard (Body)	2	2	ND
3. White plastic (Figure)	2	3	ND
4. Black plastic (Handle)	2	4	ND

For Paint on Painted Article

Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			1000
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Yellow coating on plastic (Figure)	3	1	ND

- Note:
- Permissible and Reference Limit specified by Commission Regulation (EU) No 494/2011 & Commission Regulation (EU) No 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under entry 23 of Regulation (EC) No 552/2009 and directive 91/338/EC).
  - mg/kg = milligram per kilogram
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 5 mg/kg
  - 1% = 10000 mg/kg = 10000 ppm



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**2. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Phthalate content**

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Materials can be placed in the mouth

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	1	1		
Tracing No.	--	1	2		
Specimen No.	--	1	2		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.015	--
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.015	--
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.015	--
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.015	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.015	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.015	--
Total (DBP+BBP+DEHP)		ND	ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	ND	--	0.1

Specimen Description:

1. Orange coating on plastic (Figure) + Green coating on plastic (Figure) + Blue coating on plastic (Figure)
2. Laminated paper w/ multi-color printing (Body)

- Note:
- ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - % = percentage by weight
  - Results shown as ND are ignored in the sum calculation
  - The result(s) is (are) calculated using the total specimen weight for composite test
  - Result(s) is(are) extracted from report No. T51910270955TC.



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**3. Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – PAHs Content**

Method: With reference to AfPS GS 2014:01 PAK method.  
 Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

For Toy or childcare product

Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit* (mg/kg)
		1	2		
Specimen No.	--	1	2		
Alias No.	--	1	1		
Tracing No.	--	1	2		
1. Benz[a]anthracene	56-55-3	ND	ND	0.1	0.5
2. Chrysene	218-01-9	ND	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.5
8. Dibenz[a,h]anthracene	53-70-3	ND	ND	0.1	0.5

**Specimen Description:**

- Orange coating on plastic (Figure) w/ Green coating on plastic (Figure) w/ Blue coating on plastic (Figure)
- Laminated paper w/ multi-color printing (Body)

Note:

- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- mg/kg = milligram per kilogram
- \* The limit is specified by Commission Regulation (EU) No 1272/2013 amending Annex XVII to Regulation (EC) No 1907/2006 effective after 27 December 2015.

**4. Di-n-hexyl phthalate (DnHP) content**

Method: With reference to CPSC-CH-C1001-09.4  
 Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Test Item(s)	CAS No.	Result(s) (%)		MDL (%)
		1	2	
Specimen No.	--	1	2	
Alias No.	--	2	2	
Tracing No.	--	1	2	
Di-n-Hexyl phthalate (DHP/DnHP)	84-75-3	ND	ND	0.015



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Specimen Description:

1. Orange coating on plastic (Figure) + Green coating on plastic (Figure) + Blue coating on plastic (Figure)
2. Laminated paper w/ multi-color printing (Body)

- Note:
- % = percentage by weight
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - The result(s) is (are) calculated using the total specimen weight for composite test
  - Result(s) is(are) extracted from report No. T51910270955TC.

**5. Diisobutyl phthalate (DIBP) Content**

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Test Item(s)	CAS No.	Result(s) (%)		MDL (%)
Specimen No.	--	1	2	
Alias No.	--	3	3	
Tracing No.	--	1	2	
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.015

Specimen Description:

1. Orange coating on plastic (Figure) + Green coating on plastic (Figure) + Blue coating on plastic (Figure)
2. Laminated paper w/ multi-color printing (Body)

- Note:
- MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - % = percentage by weight
  - The result(s) is (are) calculated using the total specimen weight for composite test
  - Result(s) is(are) extracted from report No. T51910270955TC.



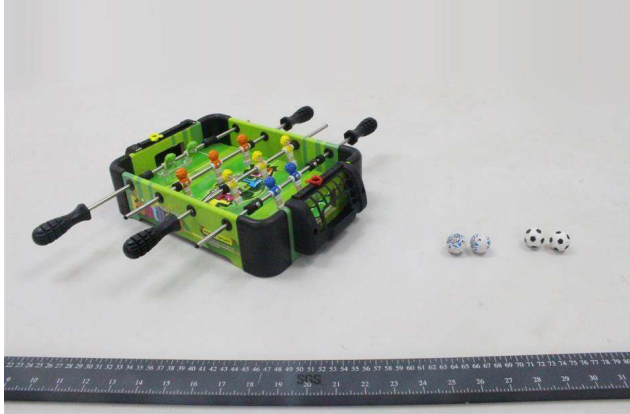
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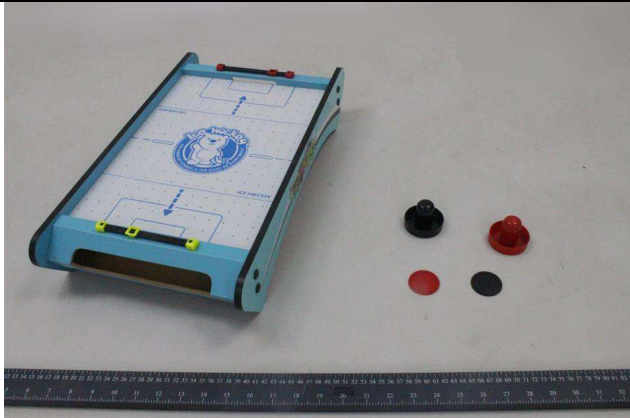
Pic.1



Pic.2



Pic.3



Pic.4



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Pic.5



Pic.6



Pic.7



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