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GUANGDONG XINYU TECHNOLOGY INDUSTRIAL CO.,LTD LAIMEI INDUSTRIAL ZONE, CHENGHAI DISTRICT, SHANTOU, GUANGDONG

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

1:14 BIG FOOT RACER

Style No. : XQ-3930 Item No. : XQ-3930

Requested Age Grading

Sample Receiving Date : JAN 06, 2020 Further Information Date : JAN 15, 2020

Testing Period : JAN 06, 2020 TO JAN 15, 2020

Test	Test Requested						
1.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content	PASS					
2.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalates content	PASS					
3.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS					

******* 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



Qu Ping, Kiky Dept. Manager



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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)
Black plastic (Bodywork, chassis, wheel) + Black soft plastic (Rearview mirror) + Black plastic (Remote control)	4	1	ND
Bright black soft plastic (Tyre) + Black plastic (Rocker) w/ Transparent red plastic (LED)	4	2	ND
Black plastic (Carriage) w/ Laminated paper label w/ multi-color printing (Sticker) + Black plastic (Pointer)	4	3	ND
4. Transparent plastic (Light) w/ Black plastic (Switch)	4	4	ND
5. Black plastic (Button) + Cream plastic (Coil)	4	5	ND
6. Red plastic (Wire jacket) (Remote control) + Black plastic (Wire jacket) (Remote control) w/ Transparent yellow dry glue	4	6	ND
7. Black heat shrinkable tube w/ grey printing + Red plastic (Wire jacket) (Inner car) + Black plastic (Wire jacket) (Inner car)	4	7	ND
8. White plastic (Gear) + Dull cream plastic sleeve (Inner motor)	4	8	ND
Cream plastic w/ translucent cream plastic (Small motor) + Light cream plastic (Big motor)	4	9	ND
10. Brown PCB w/ green, white printing w/ black material (IC) w/ light brown PCB (Switch)	4	10	ND
11. Black rubber w/ green soft plastic tube w/ grey printing (Electrolytic capacitor)	5	1	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)
Green coating (Wheel) w/ Silvery coating (Head) w/ Red coating (Light)	3	1	ND



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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
- The result(s) is (are) calculated using the minimum specimen weight for composite test.

European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – 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 for toys & childcare articles

Test Item(s)	CAS No.	R	esult (s) (%	%)			
Alias No.		6	6	6	MDL	Permissible	
Tracing No.		1	2	3	(%)	Limit (%)	
Specimen No.		1	2	3			
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1	
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1	
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1	
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010		
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003		
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010		
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1	
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND		0.1	
Total (DINP+DNOP+DIDP)		ND	ND	ND		0.1	



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Test Item(s)	CAS No.	Result	(s) (%)			
Alias No.		6	6	MDL	Permissible	
Tracing No.		4	5	(%)	Limit (%)	
Specimen No.		4	5			
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1	
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1	
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1	
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010		
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003		
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010		
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1	
Total (DBP+BBP+DEHP+DIBP)		ND	ND		0.1	
Total (DINP+DNOP+DIDP)		ND	ND		0.1	

Specimen Description:

- 1. Black plastic (Remote control) w/ Silvery coating (Head) w/ Red coating (Light) w/ Green coating (Wheel)
- 2. Black plastic (Bodywork, chassis, wheel) + Black soft plastic (Rearview mirror)
- 3. Bright black soft plastic (Tyre) + Black plastic (Rocker) w/ Transparent red plastic (LED)
- 4. Black plastic (Carriage) w/ Laminated paper label w/ multi-color printing (Sticker) + Black plastic (Pointer)
- 5. Transparent plastic (Light) w/ Black plastic (Switch)

Materials can not be placed in the mouth for toys & childcare articles or plasticized material in the other article.

Test Item(s)	CAS No.	Result (s) (%)				
Alias No.	-	6	6	6	MDL	Permissible
Tracing No.		6	7	8	(%)	Limit (%)
Specimen No.		1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)	ND	ND	ND		0.1	



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Test Item(s)	CAS No.	R	Result (s) (%)			
Alias No.		6	6	6	MDL	Permissible
Tracing No.		9	10	11	(%)	Limit (%)
Specimen No.		4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND		0.1

Specimen Description:

- 1. Red plastic (Wire jacket) (Remote control) + Black plastic (Wire jacket) (Remote control) w/ Transparent yellow dry glue
- 2. Red plastic (Wire jacket) (Inner car) + Black plastic (Wire jacket) (Inner car) w/ Black heat shrinkable tube w/ grey printing
- 3. White plastic (Gear) + Dull cream plastic sleeve (Inner motor)
- 4. Cream plastic w/ translucent cream plastic (Small motor) + Light cream plastic (Big motor)
- 5. Black rubber w/ green soft plastic tube w/ grey printing (Electrolytic capacitor)
- 6. White lubricating oil

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



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

Test Item(s)		CAS No.	CAS No. Result(s) (mg/kg)			
Specimen No.			4	5	MDL	Limit+
Alia	is No.		2	2	(mg/kg)	(mg/kg)
Tracing No.			4	5		
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

Test Item(s) Specimen No.		CAS No.	CAS No. Result(s) (mg/kg)			
			6	7	MDL	Limit+
Alia	as No.		2	2	(mg/kg)	(mg/kg)
Tracing No.			6	7	1	
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



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Specimen Description:

- 1. Black plastic (Bodywork, chassis, wheel) + Bright black soft plastic (Tyre)
- 2. Black plastic (Carriage) w/ Laminated paper label w/ multi-color printing (Sticker)
- 3. Transparent plastic (Light) w/ Black plastic (Switch)
- 4. Black soft plastic (Rearview mirror) + Black plastic (Remote control)
- 5. Black plastic (Rocker) w/ Transparent red plastic (LED)
- 6. Green coating (Wheel) w/ Silvery coating (Head) w/ Red coating (Light)
- 7. Black plastic (Pointer)

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.
- The result(s) is (are) calculated using the total specimen weight for composite test

Sample Photo:



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