



Test Report

No.T52010290647TY

Date: SEP 16, 2020

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SPIN MASTER TOYS FAR EAST LIMITED

RM. 1113, 11/F, CHINACHEM GOLDEN PLAZA,
77 MODY ROAD, TST EAST, KOWLOON, HONG KONG

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

EAS ACK POCKET ETCH A SKETCH NEN/GTL 12PKM05/ EAS ACK POCKET ETCHASKETCH PLB
NEN12PKM05/ EAS ACK POCKET ETCH A SKETCH GTL 5PK M06/EAS ACK POCKET ETCHASKETCH
NEN12PKM06

Numbers of Samples Submitted : **12SETS**

Style No. / Item No. : 33701

Family No.(if any) : 33701

Phantom No. : 20120846/20120848/20132077/20129443

P.O. / Ref. No. : N/A

Responsible QE : JIAN ZHOU

Brand Name : EAS

Sales Planning : 6033767/6035119/6061150

Finished Goods No. : 1072789/1072792/1076371/ 1079767/1078160

Date Code : 00411BSV-12 014DG3WP / 00908BSV-12 014DG3WP

Importer : N/A

Supplier : N/A

Manufacturer : SUN VIGOR INDUSTRIAL CO.,LTD.(WELL SMARTER LIMITED)

Country of Origin : CHINA

Labeled Age Grading : 3+

Age Group Applied in Testing : OVER 3 YEARS

Sample Receiving Date : SEP 09, 2020

Testing Period : SEP 09, 2020 TO SEP 16, 2020



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Test Requested		Conclusion
1.	For compliance with the European standard on Safety of toys:-	--
	EN 71-1:2014+A1: 2018 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS
	EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability	PASS
	Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys	SEE RESULT
	Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 – Migration of certain elements (All conclusive testing)	PASS
2.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content	PASS
3.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalates content	PASS
4.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
5.	European Regulation (EU) 2019/1021 Persistent Organic Pollutants (POPs Recast) – Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	PASS
6.	Product Safety Commission (AfPS), GS specification, Specification in accordance with § 21 Section 1 No. 3 ProdSG (Dated August 4, 2014) - Polycyclic Aromatic Hydrocarbon (PAHs) Content	PASS
7.	Product Safety Commission (AfPS), GS specification, Specification in accordance with § 21 Section 1 No. 3 ProdSG (Dated May 15, 2019) - Polycyclic Aromatic Hydrocarbon (PAHs) Content	PASS
8.	For compliance with the test requirement of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety.	--
	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
9.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	PASS



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Test Requested		Conclusion
10.	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	PASS
11.	CPSIA section 101 and US California Proposition 65 (Superior Court of California – County of Alameda Case No. RG07356892) - Total Lead content	--
	CPSIA section 101(f) (1) and US California Proposition 65 (Superior Court of California – County of Alameda Case No. RG07356892) – Lead in paint/similar surface coating material	PASS
	CPSIA section 101(a) (2) and US California Proposition 65 (Superior Court of California – County of Alameda Case No. RG07356892) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
12.	US 16 CFR Part 1307 – Phthalates	PASS
13.	Public Act 097-0612 of the US State of Illinois, the Lead Poisoning Prevention Act – Lead content	PASS
14.	US California Proposition 65 (ACSC Case No. BG07350969) – Phthalates Content	PASS
15.	For compliance with the test requirement of Toys Regulations (SOR/2011-17) amended up to January 11, 2019 of Canada Consumer Product Safety Act.	--
	Toys Regulations SOR/2011-17 amended up to January 11, 2019 of Canada Consumer Product Safety Act. (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302 and SOR/2018-138)	PASS
16.	Proposed Lead Content Regulations under the Health Canada's Lead Risk Reduction Strategy for Consumer Products - Lead content	PASS
17.	Canada Consumer Product Safety Act (S.C. 2010, c. 21), Consumer Products Containing Lead Regulations, SOR/2018-83 – Total Lead content	PASS
18.	Canada Surface Coating Materials Regulations (SOR/2016-193) – Lead and Mercury Content	PASS
19.	SOR/2016-188(formerly restricted under SOR/2010-298) – Phthalates content	NOT APPLICABLE (SEE REMARK1)
20.	Mexican Standard NOM-252-SSA1-2011 – Migration of Certain Elements	PASS



Test Requested	Conclusion
21. Australian Trade Practices Act 1974(renamed Australian Competition and Consumer Act 2010 from January 2011) - Consumer Protection Notice No. 1 of 2009 - Consumer Product Safety Standard: Lead and Certain Elements in Children's Toys	PASS
22. For compliance with the Australian/New Zealand Standard on Safety of toys: AS/NZS ISO 8124.1: 2019 – Safety of toys – Part 1: Safety aspects related to mechanical and physical properties AS/NZS 8124-2:2016 – Safety of toys – Part 2: Flammability AS/NZS 8124.3: 2012 / Amdt 1:2016 – Safety of toys – Part 3 – Migration of Certain Elements	-- PASS PASS PASS
23. Bisphenol A (BPA) Content	NOT APPLICABLE (SEE REMARK2)
24. Phthalates Content	SEE RESULT



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Test Requested		Conclusion
25.	AU-TY-046-1701 General Toys (Revision No.: 16)	PASS
	CA-TY-046-1701 General Toys (Revision No.: 18)	PASS
	EU-TY-046-1701 General Toys (Revision No.: 30)	PASS
	US-TY-046-1701 General Toys (Revision No.: 25)	PASS

- Remark 1: There were no vinyl material found in the said submitted sample.
- Remark 2: Based on the BOM provided by the vendor, there is no client's specified material(s) found in the submitted sample(s) for the Bisphenol A (BPA) test and it's the vendor's responsibility for the conformity of Bisphenol A (BPA) requirements on those material(s) of low risk to the client
- Remark 3: The results of this report except phantom No 20132077 & 20129443 are extracted from the test report number T52010270526TY where the sample(s) /material(s) of sample is(are) claimed to be identical.

***** 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

scan to see the report



T52010290647TY

Qu Ping, Kiky
Dept. Manager

Liu Junjie, Tony
Section Manager



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Result:

1. EUROPEAN STANDARD ON SAFETY OF TOYS

EN 71-1:2014 + A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1:2014 + A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Results</u>
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
7	Warnings, markings and instructions for use	
7.1	General Requirements	<u>Satisfactory</u>
	Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects:	
	a) Emphasising the warning b) Contrast, background and colours c) Reflecting surfaces and obscuring material d) Font type e) Font size f) Logical direction of text	
	For more details, see EN 71-1.	
7.2	Toys not intended for children under 36 months	<u>N/A</u>

According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

N/A = Not Applicable



EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements	<u>Pass</u>

Type of gas: Butane gas used in the test burner

LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014+A1:2018 AND THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not applicable	--
CE mark	Present	Toy & Packaging
Importer's Name & Address	Present	Toy & Packaging
Manufacturer's Name & Address	Present	Toy & Packaging
Product ID	Present	Toy & Packaging

Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soak washable."
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.



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Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 – Migration of certain elements

Category III: Scraped-off toy material

Method: With reference to EN 71-3:2019. Analysis of general elements was performed by ICP-OES. Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis / LC-ICP-MS and organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)		MDL	Permissible Limit
	1	2		
Specimen No.			--	--
Mass of trace amount (mg)	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	64	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	50	46000



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Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	3	4	--	--
Mass of trace amount (mg)	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium ⁺ (Cr) (mg/kg)	ND	ND	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	50	46000



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Specimen Description:

1. Red plastic (Body)
2. Black plastic (Body)
3. White plastic (Knob)
4. Transparent plastic (Screen)

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - + Soluble Chromium is not restricted by EN 71-3:2019, results shown only for reference
 - Result(s) of specimen No.1-No.4 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in EN 71-3:2019.

Shiny silvery coating (Lettering), white coating (Lettering)

Golden coating (Lettering, pattern)



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

Method: With reference to CPSC-CH-E1003-09.1

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3

For Plastic

Test Item(s)	Cadmium (Cd)
Permissible Limit (mg/kg)	100
Specimen Description	Result(s) (mg/kg)
1. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)	ND
2. Transparent plastic (Screen)	ND
3. Purple plastic (Inner) + Cream plastic (Inner) + Off-white plastic (Inner)	ND
4. Black rubber ring (Inner)	ND

For Paint on Painted Article

Test Item(s)	Cadmium (Cd)
Permissible Limit (mg/kg)	1000
Specimen Description	Result(s) (mg/kg)
1. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND
2. Golden coating (Lettering, pattern)	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
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - For Plastic
Result(s) of specimen No.1-No.4 is(are) extracted from report No. T52010270526TY.
 - For Paint on Painted Article
Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.



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3.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) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		1	2		
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

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



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Specimen Description:

1. Transparent plastic (Screen) w/ Shiny silvery coating (Lettering), white coating (Lettering)
2. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)
3. Golden coating (Lettering, pattern)

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

Test Item(s) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		1	2		
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
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	--	0.1

Specimen Description:

1. Purple plastic (Inner) + Cream plastic (Inner) + Off-white plastic (Inner)
2. Black rubber ring (Inner)

- 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
 - Materials can be placed in the mouth for toys & childcare articles:
Result(s) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.
 - Materials can not be placed in the mouth for toys & childcare articles or plasticized material in the other article:
Result(s) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.



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

Method: With reference to AfPS GS 2019:01 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)
Specimen 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

Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit ⁺ (mg/kg)
Specimen No.	--	3	4		
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. Red plastic (ABS) (Body)
2. Black plastic (ABS) (Body)
3. White plastic (ABS) (Knob)
4. Transparent plastic (ABS) (Screen)

- 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.
 - Result(s) of specimen No.1-No.4 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 50 mg, therefore such component(s) was(were) not tested for PAHs, as specified in AfPS GS 2019:01 PAK method.

Shiny silvery coating (Lettering), white coating (Lettering)

Golden coating (Lettering, pattern)

5.Regulation (EU) 2019/1021 Persistent Organic Pollutants (POPs Recast) – Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)

Method: With reference to ISO 18219:2015

Analysis was performed by Gas Chromatography Electron Capture Detector (GC-ECD) / Gas Chromatography Negative Chemical Ionization Mass Spectrometry (GC-NCI-MS)

Articles :

Test Item(s) Specimen No.	Result(s) (mg/kg)		MDL (mg/kg)	Permissible Limit (mg/kg)
	1	2		
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND	ND	50	1500

Test Item(s) Specimen No.	Result(s) (mg/kg)		MDL (mg/kg)	Permissible Limit (mg/kg)
	3			
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	ND		50	1500



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Specimen Description:

1. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)
2. Transparent plastic (Screen) w/ Shiny silvery coating (Lettering), white coating (Lettering)
3. Golden coating (Lettering, pattern)

- Note:
- mg/kg = milligram per kilogram
 - 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) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.



6.Product Safety Commission (AfPS), GS specification, Specification in accordance with § 21 Section 1 No. 3 ProdSG (Dated August 4, 2014) - Polycyclic Aromatic Hydrocarbon (PAHs) Content

Method: With reference to AfPS GS 2014:01 PAK method.

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

Category 1: Materials intended to be placed in the mouth or toys with intended prolonged skin contact (>30 seconds)

Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit ⁺ (mg/kg)
		1	2		
Specimen No.	--	1	2		
1. Naphthalene	91-20-3	0.3	0.3	0.1	1
2. Acenaphthylene	208-96-8	ND	ND	0.1	--
3. Acenaphthene	83-32-9	ND	ND	0.1	--
4. Fluorene	86-73-7	ND	ND	0.1	--
5. Phenanthrene	85-01-8	ND	ND	0.1	--
6. Anthracene	120-12-7	ND	ND	0.1	--
7. Fluoranthene	206-44-0	ND	ND	0.1	--
8. Pyrene	129-00-0	ND	ND	0.1	--
9. Benz[a]anthracene	56-55-3	ND	ND	0.1	0.2
10. Chrysene	218-01-9	ND	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.2
13. Benzo[j]fluoranthene	205-82-3	ND	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND	0.1	0.2
17. Dibenz[a,h]anthracene	53-70-3	ND	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	ND	0.1	0.2
Sum of 7 PAHs [^]	--	ND	ND	--	1
Sum of 18 PAHs	--	0.3	0.3	--	1



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Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Limit ⁺ (mg/kg)
Specimen No.	--	3		
1. Naphthalene	91-20-3	0.2	0.1	1
2. Acenaphthylene	208-96-8	ND	0.1	--
3. Acenaphthene	83-32-9	ND	0.1	--
4. Fluorene	86-73-7	ND	0.1	--
5. Phenanthrene	85-01-8	ND	0.1	--
6. Anthracene	120-12-7	ND	0.1	--
7. Fluoranthene	206-44-0	ND	0.1	--
8. Pyrene	129-00-0	ND	0.1	--
9. Benz[a]anthracene	56-55-3	ND	0.1	0.2
10. Chrysene	218-01-9	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.2
13. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	0.1	0.2
17. Dibenz[a,h]anthracene	53-70-3	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	0.1	0.2
Sum of 7 PAHs [^]	--	ND	--	1
Sum of 18 PAHs	--	0.2	--	1

Specimen Description:

1. Red plastic (ABS) (Body)
2. Black plastic (ABS) (Body)
3. White plastic (ABS) (Knob)

- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - ⁺ The limit is specified by Committee on Product Safety (Ausschuss für Produktsicherheit, AfPs) Examination and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the recognition of the GS Mark effective after 30 June 2015 and ceased to be valid after 30 June 2020.
 - [^] 7 PAHs including Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene & Pyrene
 - Results shown as ND are ignored in the sum calculation
 - Result(s) of specimen No.1-No.3 is(are) extracted from report No. T52010270526TY.



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Category 2: Materials not falling under Category 1, with foreseeable skin contact longer than 30 seconds (long term) or frequent short-term skin contact - For toys

Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	1		
1. Naphthalene	91-20-3	ND	0.1	2
2. Acenaphthylene	208-96-8	ND	0.1	--
3. Acenaphthene	83-32-9	ND	0.1	--
4. Fluorene	86-73-7	ND	0.1	--
5. Phenanthrene	85-01-8	ND	0.1	--
6. Anthracene	120-12-7	ND	0.1	--
7. Fluoranthene	206-44-0	ND	0.1	--
8. Pyrene	129-00-0	ND	0.1	--
9. Benz[a]anthracene	56-55-3	ND	0.1	0.2
10. Chrysene	218-01-9	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.2
13. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	0.1	0.2
17. Dibenz[a,h]anthracene	53-70-3	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	0.1	0.2
Sum of 7 PAHs [^]	--	ND	--	5
Sum of 18 PAHs	--	ND	--	5



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Specimen Description:

1. Transparent plastic (ABS) (Screen)

- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - + The limit is specified by Committee on Product Safety (Ausschuss für Produktsicherheit, AfPs) Examination and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the recognition of the GS Mark effective after 30 June 2015 and ceased to be valid after 30 June 2020.
 - ^ 7 PAHs including Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene & Pyrene
 - Results shown as ND are ignored in the sum calculation
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 50 mg, therefore such component(s) was(were) not tested for PAHs, as specified in AfPS GS 2014:01 PAK method.

Shiny silvery coating (Lettering), white coating (Lettering)

Golden coating (Lettering, pattern)



7.Product Safety Commission (AfPS), GS specification, Specification in accordance with § 21 Section 1 No. 3 ProdSG (Dated May 15, 2019)- Polycyclic Aromatic Hydrocarbon (PAHs) Content

Method: With reference to AfPS GS 2019:01 PAK method.

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

Category 1: Materials intended to be placed in the mouth or materials coming into long-term contact with skin (More than 30s) during the intended use – In toys according to Directive 2019/48/EC or for the use by children up to 3 years of age

Test Item(s)	CAS No.	Result(s) (mg/kg)			MDL (mg/kg)	Limit ⁺ (mg/kg)
		1	2	3		
Specimen No.	--	1	2	3		
1. Naphthalene	91-20-3	0.3	0.3	0.2	0.1	1
2. Phenanthrene	85-01-8	ND	ND	ND	0.1	--
3. Anthracene	120-12-7	ND	ND	ND	0.1	--
4. Fluoranthene	206-44-0	ND	ND	ND	0.1	--
5. Pyrene	129-00-0	ND	ND	ND	0.1	--
6. Benz[a]anthracene	56-55-3	ND	ND	ND	0.1	0.2
7. Chrysene	218-01-9	ND	ND	ND	0.1	0.2
8. Benzo[b]fluoranthene	205-99-2	ND	ND	ND	0.1	0.2
9. Benzo[k]fluoranthene	207-08-9	ND	ND	ND	0.1	0.2
10. Benzo[j]fluoranthene	205-82-3	ND	ND	ND	0.1	0.2
11. Benzo[a]pyrene	50-32-8	ND	ND	ND	0.1	0.2
12. Benzo[e]pyrene	192-97-2	ND	ND	ND	0.1	0.2
13. Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND	ND	0.1	0.2
14. Dibenz[a,h]anthracene	53-70-3	ND	ND	ND	0.1	0.2
15. Benzo[g,h,i]perylene	191-24-2	ND	ND	ND	0.1	0.2
Sum of 4 PAHs [^]	--	ND	ND	ND	--	1
Sum of 15 PAHs	--	0.3	0.3	0.2	--	1

Specimen Description:

1. Red plastic (ABS) (Body)
2. Black plastic (ABS) (Body)
3. White plastic (ABS) (Knob)



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- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - ⁺ The limit is specified by Committee on Product Safety (Ausschuss für Produktsicherheit, AfPs) Examination and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the recognition of the GS Mark effective after July 1, 2020.
 - [^] 4 PAHs including Phenanthrene, Anthracene, Fluoranthene & Pyrene
 - Results shown as ND are ignored in the sum calculation
 - Result(s) of specimen No.1-No.3 is(are) extracted from report No. T52010270526TY.

Category 2: Materials not covered by Category 1, coming into long-term contact (More than 30s) or short-term repetitive contact with skin during the intended or foreseeable use - For products used by children under 14

Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	1		
1. Naphthalene	91-20-3	ND	0.1	2
2. Phenanthrene	85-01-8	ND	0.1	--
3. Anthracene	120-12-7	ND	0.1	--
4. Fluoranthene	206-44-0	ND	0.1	--
5. Pyrene	129-00-0	ND	0.1	--
6. Benz[a]anthracene	56-55-3	ND	0.1	0.2
7. Chrysene	218-01-9	ND	0.1	0.2
8. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.2
9. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.2
10. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.2
11. Benzo[a]pyrene	50-32-8	ND	0.1	0.2
12. Benzo[e]pyrene	192-97-2	ND	0.1	0.2
13. Indeno[1,2,3-cd]pyrene	193-39-5	ND	0.1	0.2
14. Dibenz[a,h]anthracene	53-70-3	ND	0.1	0.2
15. Benzo[g,h,i]perylene	191-24-2	ND	0.1	0.2
Sum of 4 PAHs [^]	--	ND	--	5
Sum of 15 PAHs	--	ND	--	5

Specimen Description:

1. Transparent plastic (ABS) (Screen)



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- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - ⁺ The limit is specified by Committee on Product Safety (Ausschuss für Produktsicherheit, AfPs) Examination and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the recognition of the GS Mark effective after July 1, 2020.
 - [^] 4 PAHs including Phenanthrene, Anthracene, Fluoranthene & Pyrene
 - Results shown as ND are ignored in the sum calculation
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 50 mg, therefore such component(s) was(were) not tested for PAHs, as specified in AfPS GS 2019:01 PAK method.

Shiny silvery coating (Lettering), white coating (Lettering)

Golden coating (Lettering, pattern)



8.ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Safety Requirements	
4.1	Material Quality **	Pass
4.2	Flammability Test	Pass
		(See Result Page)
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	Pass
		(See Result Page)
4.3.5.2	Heavy Metal in Substrate Materials	Pass
		(See Result Page)
4.6.1	Small Objects	N/A
4.6.2	Mouth-Actuated Toys	N/A
4.6.3	Labelling Requirements	N/A (See Remark)
	Remark: The toy does not contain as-received small part.	
4.7	Accessible Edges	Pass
4.9	Accessible Points	Pass
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	Pass
5.16	Promotional Materials	Pass
7	Producer's Markings	
7.1	Producer's Markings	Pass
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass
8.8	Torque Test	Pass
8.9	Tension Test	Pass
8.10	Compression Test	Pass

N/A = Not Applicable

** Visual Examination



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Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample

EAS ACK POCKET ETCH A SKETCH NEN/GTL 12PKM05/ EAS ACK POCKET ETCHASKETCH PLB NEN12PKM05/ EAS ACK POCKET ETCH A SKETCH GTL 5PK M06/EAS ACK POCKET ETCHASKETCH NEN12PKM06

Burning Rate (inch/sec)

0.01

Requirement: A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

ASTM F963-17, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Heavy Metal Content

Test Item(s)	Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL(ppm)	10	20	20	10	5	5	5	20
Total Limit (ppm)	90	--	--	--	--	--	--	--
Migration Limit (ppm)	90	60	25	1000	75	60	60	500
Specimen No.	Total Result(s) (ppm)							
1	ND	23	ND	11	ND	32	ND	ND
2	ND	29	ND	ND	ND	1447	ND	ND

Specimen Description:

1. Shiny silvery coating (Lettering) w/ white coating (Lettering)
2. Golden coating (Lettering, pattern)

Remark 1: No migration of elements test is conducted in case of the total content results do not exceed relevant migration limits.

Remark 2: No migration of elements test is conducted in case of the test portion (Golden coating (Lettering, pattern)) is less than 10 mg.



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- Note:
- ppm = parts per million
 - 1% = 10000 mg/kg = 10000 ppm =10000 µg/g
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for certain migration elements, as specified in ASTM F963-17 Clause 8.3.3.6 (2) – Selection of Test Portions

Golden coating (Lettering, pattern)

ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Heavy Metal Content

Test Item(s)	Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)	10	20	20	10	5	5	5	20
Total Limit (ppm)	100	--	--	--	--	--	--	--
Migration Limit (ppm) -- Other Than Modeling Clays	90	60	25	1000	75	60	60	500
Migration Limit (ppm) -- Modeling Clays	90	60	25	250	50	25	25	500
Specimen No.	Total Result(s) (ppm)							
1	ND	ND	ND	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)
2. Transparent plastic (Screen)

Remark : No migration of elements test is conducted in case of the total content results do not exceed relevant migration limits.



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- Note:
- ppm = parts per million
 - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - Result(s) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.

9.CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)
Permissible Limit (ppm)	90
Specimen Description	Result(s) (ppm)
1. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND
2. Golden coating (Lettering, pattern)	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.



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10.As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children’s products.

- Tracking label found on the packaging:

- 1) Name: Spin Master Ltd.
- 2) Location: Made in China, 00411BSV-12 014DG3WP/00908BSV-12 014DG3WP
- 3) Date: 00411BSV-12 014DG3WP/00908BSV-12 014DG3WP
- 4) Cohort information: 00411BSV-12 014DG3WP/00908BSV-12 014DG3WP

- Tracking label found on the product:

- 1) Name: Spin Master Ltd
- 2) Location: Made in China, 00411BSV-12 014DG3WP/00908BSV-12 014DG3WP
- 3) Date: 00411BSV-12 014DG3WP/00908BSV-12 014DG3WP
- 4) Cohort information: 00411BSV-12 014DG3WP/00908BSV-12 014DG3WP

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

11.CPSIA and US California Proposition 65 (Superior Court of California – County of Alameda Case No. RG07356892) - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)
Permissible Limit (ppm)	90
Specimen Description	Result(s) (ppm)
1. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND
2. Golden coating (Lettering, pattern)	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.



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CPSIA and US California Proposition 65 (Superior Court of California – County of Alameda Case No. RG07356892) - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Test Item(s)	Lead (Pb)
Permissible Limit ** (ppm)	100
Specimen Description	Result(s) (ppm)
1. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)	ND
2. Transparent plastic (Screen)	ND

** Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - Result(s) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.



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12.US 16 CFR Part 1307 – Phthalates Content

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

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

Test Item(s) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		1	2		
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	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Di-n-pentyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003	0.1

Test Item(s) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		3			
Dibutyl Phthalate (DBP)	84-74-2	ND		0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND		0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND		0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND		0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND		0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND		0.003	0.1
Di-n-pentyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND		0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND		0.003	0.1



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Specimen Description:

1. Transparent plastic (Screen) w/ Shiny silvery coating (Lettering), white coating (Lettering)
2. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)
3. Golden coating (Lettering, pattern)

- Note:
- % = percentage by weight
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - The result(s) is (are) calculated using the total specimen weight for composite test.
 - Result(s) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.

13.Public Act 097-0612 of the US State of Illinois, the Lead Poisoning Prevention Act – Total Lead Content

Method (coating materials): With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)
MDL (ppm)	10
Permissible Limit (ppm)	40
Specimen Description	Result(s) (ppm)
1. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND
2. Golden coating (Lettering, pattern)	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.



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14. California Prop 65 - Phthalates Content

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

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

Test Item(s) Specimen No.	CAS No.	Result(s) (%)		MDL (%)
		1	2	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.003
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003
Di-"isodecyl" phthalate (DIDP)	26761-40-0	ND	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003

Test Item(s) Specimen No.	CAS No.	Result(s) (%)		MDL (%)
		3		
Dibutyl phthalate (DBP)	84-74-2	ND		0.003
Benzyl butyl phthalate (BBP)	85-68-7	ND		0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND		0.003
Di-"isodecyl" phthalate (DIDP)	26761-40-0	ND		0.010
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND		0.003

Specimen Description:

1. Transparent plastic (Screen) w/ Shiny silvery coating (Lettering), white coating (Lettering)
2. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)
3. Golden coating (Lettering, pattern)

- Note:
- % = percentage by weight
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - 1% = 10000 mg/kg = 10000 ppm
 - The result(s) is (are) calculated using the total specimen weight for composite test.
 - Result(s) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.



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Summary of Permissible Limit of Requirement(s):

Requirement(s)	Permissible Limit
California Proposition 65 (ACSC Case No. BG07350969)	
- Toys for children up to 6 or childcare articles for children up to 3	≤ 0.1% for each of DBP, BBP, DEHP, DIDP and DnHP

15.TOYS REGULATIONS (SOR/2011-17) AMENDED UP TO JANUARY 11, 2019 OF CANADA CONSUMER PRODUCT SAFETY ACT.

AS SPECIFIED IN TOYS REGULATIONS (SOR/2011-17) AMENDED UP TO JANUARY 11, 2019 OF CANADA CONSUMER PRODUCT SAFETY ACT.

Clauses relevant to the item:

Section	Description	Result
Section 10	Plastic Components	Pass
Section 12	Toys With Glass Components	Pass
Section 21	Celluloid or Cellulose Nitrate	Pass
Section 23	Heavy Metals Contents in Surface Coatings/Paint	Pass (See Result Page)

Remark: It is drawn to your attention that all the statement or warning statement which stated in product or its package should be appeared in English and French Bilingual as specified in section 3 of this regulation.



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Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) amended up to January 11, 2019 (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302 and SOR/2018-138) - Section 23 (a) and Section 23 (c) - Lead and Mercury in surface coating material

Method: With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.2:2017 and C-07:2019

Test Item(s)	Pb	Hg
Permissible Limit (mg/kg)	90	ND
Specimen Description	Result(s) (mg/kg)	
1. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND	ND
2. Golden coating (Lettering, pattern)	ND	ND

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - MDL for Pb = 10 mg/kg
 - MDL for Hg = 10 mg/kg
 - The action level of Mercury is 10 mg/kg according to the Industry guide to Health Canada’s Safety Requirements for Children’s Toys and Related Products, 2012
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.



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Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) amended up to January 11, 2019 (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302 and SOR/2018-138) - Section 23 (b) - Heavy metals in surface coating material

Method: With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-03:2018

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

For Soluble Heavy Metal Content:

Test Item(s)	Sb	As	Ba	Cd	Se
MDL (mg/kg)	50	50	50	50	50
Permissible Limit (mg/kg)	1000	1000	1000	1000	1000
Specimen Description	Soluble Result(s) (mg/kg)				
1. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND	ND	ND	ND	ND
2. Golden coating (Lettering, pattern)	ND	ND	ND	ND	ND

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.



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16.Canada Pb Content Test per Lead Risk Reduction Guidelines

Method (for non-metallic materials): With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.3:2017

Specimen Description	Result(s) (mg/kg)	Permissible Limit (mg/kg)
1. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)	ND	600
2. Transparent plastic (Screen)	ND	600

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 mg/kg
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - Result(s) of specimen No.1-No.2 is(are) extracted from report No. T52010270526TY.

17.Canada Consumer Product Safety Act (S.C. 2010, c. 21), Consumer Products Containing Lead Regulations, SOR/2018-83 – Total Lead content

Method (for coating): With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.2:2017

Method (for non-metallic materials): With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.3:2017

Test Item(s)	Lead (Pb)
MDL (mg/kg)	10
Permissible Limit (mg/kg)	90
Specimen Description	Result(s) (mg/kg)
1. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)	ND
2. Transparent plastic (Screen)	ND
3. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND
4. Golden coating (Lettering, pattern)	ND

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - Result(s) of specimen No.1-No.3 is(are) extracted from report No. T52010270526TY.



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18.Canada Surface Coating Materials Regulations (SOR/2016-193) – Lead and Mercury Content

With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.2:2017 and C-07:2019

Test Item(s)	Total	
	Pb	Hg
Permissible Limit (mg/kg)	90	10
Specimen Description	Result(s) (mg/kg)	
1. Shiny silvery coating (Lettering) w/ white coating (Lettering)	ND	ND
2. Golden coating (Lettering, pattern)	ND	ND

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - MDL for Pb = 10 mg/kg
 - MDL for Hg = 10 mg/kg
 - 1% = 10000 mg/kg =10000 ppm
 - Result(s) of specimen No.1 is(are) extracted from report No. T52010270526TY.



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20.Migration of Certain Elements (NOM-252-SSA1-2011)

Method: With reference to NOM-252-SSA1-2011

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Pb	
MDL (mg/kg)	5	
Permissible Limit (mg/kg)	90	
Specimen Description	Mass of trace amount (mg)	Soluble Result(s) (mg/kg)
1. Red plastic (Body)	/	ND
2. Black plastic (Body)	/	ND
3. White plastic (Knob)	/	ND
4. Transparent plastic (Screen)	/	ND

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
 - Result(s) of specimen No.1-No.4 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in NOM-252-SSA1-2011

Shiny silvery coating (Lettering), white coating (Lettering)

Golden coating (Lettering, pattern)



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21.Australian Trade Practices Act 1974 - Consumer Protection Notice No. 1 of 2009 - Consumer Product Safety Standard: Lead and Certain Elements in Children's Toys

Method: With reference to AS/NZS 8124.3: 2012 / Amdt 1:2016

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Pb	Sb	As	Ba	Cd	Cr	Hg	Se	
MDL (mg/kg)	5	5	2.5	10	5	5	5	10	
Permissible Limit (mg/kg) – Other than Modeling Clay	90	60	25	1000	75	60	60	500	
Permissible Limit (mg/kg) – Modeling clay	90	60	25	250	50	25	25	500	
Specimen No.	Mass of trace amount (mg)	Adjusted Soluble Result(s) (mg/kg)							
1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Red plastic (Body)
2. Black plastic (Body)
3. White plastic (Knob)
4. Transparent plastic (Screen)

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Results of soluble elements shown are of the adjusted analytical results
 - The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
 - Result(s) of specimen No.1-No.4 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in AS/NZS 8124.3: 2012 / Amdt 1:2016, Clause 7 – Selection of Test Portions

Shiny silvery coating (Lettering), white coating (Lettering)

Golden coating (Lettering, pattern)



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22.AS/NZS ISO 8124.1: 2019 – SAFETY OF TOYS – PART 1: SAFETY ASPECTS RELATED TO MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN AS/NZS ISO 8124.1: 2019 – SAFETY OF TOYS – PART 1: SAFETY ASPECTS RELATED TO MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	Normal use	<u>Pass</u>
4.2	Reasonably foreseeable abuse	<u>Pass</u>
4.3	Material	
	4.3.1 Material quality (Visual Examination)	<u>Pass</u>
4.6	Edges	<u>Pass</u>
4.7	Points	<u>Pass</u>
Annex B	Safety-labeling guidelines and manufacturer's markings	
B.2	Safety-labeling guidelines	
B.2.1	Good practice for visibility and legibility	<u>See Remark</u>
	Remark: The standard has introduced good practice by addressing the following aspects:	
	a) Emphasising the warning	
	b) Contrast, background and colours	
	c) Reflecting surfaces and obscuring material	
	d) Font type	
	e) Font and symbol size	
	f) Logical direction of text	
B.2.2	Age grading	<u>Pass</u>
B.4	Manufacturer's Markings	<u>Pass</u>

AS/NZS 8124-2:2016 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN AS/NZS 8124.2:2016 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General Requirements	<u>Pass</u>

Type of gas: Butane gas used in the test burner



AS/NZS 8124.3: 2012 / Amdt 1:2016 – Safety of toys – Part 3 – Migration of Certain Elements

Method: With reference to AS/NZS 8124.3: 2012 / Amdt 1:2016

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Pb	Sb	As	Ba	Cd	Cr	Hg	Se	
MDL (mg/kg)	5	5	2.5	10	5	5	5	10	
Permissible Limit (mg/kg) – Other than Modeling Clay	90	60	25	1000	75	60	60	500	
Permissible Limit (mg/kg) – Modeling clay	90	60	25	250	50	25	25	500	
Specimen No.	Mass of trace amount (mg)	Adjusted Soluble Result(s) (mg/kg)							
1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Red plastic (Body)
2. Black plastic (Body)
3. White plastic (Knob)
4. Transparent plastic (Screen)

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Results of soluble elements shown are of the adjusted analytical results
 - The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
 - Result(s) of specimen No.1-No.4 is(are) extracted from report No. T52010270526TY.

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in AS/NZS 8124.3: 2012 / Amdt 1:2016, Clause 7 – Selection of Test Portions

Shiny silvery coating (Lettering), white coating (Lettering)

Golden coating (Lettering, pattern)



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24. Phthalates Content

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

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

Test Item(s) Specimen No.	CAS No.	Result(s) (%)		MDL (%)
		1	2	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	0.003
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
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Diethyl phthalate (DEP)	84-66-2	ND	ND	0.003
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	ND	0.003
Dinonyl phthalate (DNP)	84-76-4	ND	ND	0.003
Diisopentyl phthalate (DiPP)	605-50-5	ND	ND	0.003
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	ND	0.003
Di-n-pentyl phthalate (DnPP/DPenP)	131-18-0	ND	ND	0.003
Di-isooctyl phthalate (DIOP)	27554-26-3	ND	ND	0.020
Dimethyl phthalate (DMP)	131-11-3	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003
Dipropyl phthalate (DPRP)	131-16-8	ND	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	ND	0.010
Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	ND	0.010
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ^	84777-06-0	ND	ND	0.003
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5 68648-93-1	ND	ND	0.025
Di-iso-hexyl phthalate (DIHxP)	71850-09-4	ND	ND	0.003



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Test Item(s) Specimen No.	CAS No.	Result(s) (%)		MDL (%)
		3	4	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	0.003
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
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003
Diethyl phthalate (DEP)	84-66-2	ND	ND	0.003
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	ND	0.003
Dinonyl phthalate (DNP)	84-76-4	ND	ND	0.003
Diisopentyl phthalate (DiPP)	605-50-5	ND	ND	0.003
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	ND	0.003
Di-n-pentyl phthalate (DnPP/DPenP)	131-18-0	ND	ND	0.003
Di-isooctyl phthalate (DIOP)	27554-26-3	ND	ND	0.020
Dimethyl phthalate (DMP)	131-11-3	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003
Dipropyl phthalate (DPRP)	131-16-8	ND	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	ND	0.010
Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	ND	0.010
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ^	84777-06-0	ND	ND	0.003
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5 68648-93-1	ND	ND	0.025
Di-iso-hexyl phthalate (DIHxP)	71850-09-4	ND	ND	0.003



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Test Item(s)	CAS No.	Result(s) (%)	MDL (%)
Specimen No.	--	5	
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	0.003
Diethyl phthalate (DEP)	84-66-2	ND	0.003
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	0.003
Dinonyl phthalate (DNP)	84-76-4	ND	0.003
Diisopentyl phthalate (DiPP)	605-50-5	ND	0.003
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	0.003
Di-n-pentyl phthalate (DnPP/DPenP)	131-18-0	ND	0.003
Di-isooctyl phthalate (DIOP)	27554-26-3	ND	0.020
Dimethyl phthalate (DMP)	131-11-3	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	0.003
Dipropyl phthalate (DPRP)	131-16-8	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	0.010
Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	0.010
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ^	84777-06-0	ND	0.003
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	0.003
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5 68648-93-1	ND	0.025
Di-iso-hexyl phthalate (DIHxP)	71850-09-4	ND	0.003



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Specimen Description:

1. Transparent plastic (Screen) w/ Shiny silvery coating (Lettering), white coating (Lettering)
2. Red plastic (Body) + Black plastic (Body) + White plastic (Knob)
3. Purple plastic (Inner) + Cream plastic (Inner) + Off-white plastic (Inner)
4. Black rubber ring (Inner)
5. Golden coating (Lettering, pattern)

- Note:
- MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - % = percentage by weight
 - ^ = a mixture of i) Di-n-pentyl phthalate (DPP); ii) N-pentyl-isopentylphthalate (nPiPP) and iii) Diisopentyl phthalate (DiPP)
 - The result(s) is (are) calculated using the total specimen weight for composite test
 - Result(s) of specimen No.1-No.4 is(are) extracted from report No. T52010270526TY.

N.B. : - Only applicable clauses were shown.

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2. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$



Sample Picture (As received)



SGS authenticate the photo on original report only

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