



Test Report

No.: T52410251220TY

Date: MAR 12, 2024

Page 1 of 32

# Tiny Love Test Report

Applicant:	TINY LOVE LTD
Address:	KORENDIJK 5, NL-5704 RD, HELMOND
Contact Person:	SMADAR CAHLON, YARDEN LABEL , SARIT FRUCHTNIS

Sample Description:	TINY ROCKERS ELECTRONIC DJ STATION		
Style/Item No.:	150700E001	PO No.:	/
Country of Destination:	/	Country of Origin:	CHINA
Vendor:	/		
Manufacturer:	YICO		
Date Code:	/		
Client Reference Information:	/		
Intended Age Grade on Label:	12M+		

\*\*\*\*\*

Age Group Applied in Testing:	OVER 12 MONTHS		
Date In:	JAN 25, 2024		
Date Out:	MAR 12, 2024		
Working Days:	7+		
Further Information Date:	/	Sample Resubmission Date:	MAR 07, 2024



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Member of the SGS Group (SGS SA)

Selected test(s) as requested by the client, please refer to test result page(s) for details:

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: 2020 – 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 + A1:2021 – Migration of certain elements	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 commission directive (EU) 2019/1929 – Formaldehyde	PASS
5.	Client’s Requirement – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
6.	Client’s Requirement – Lead Content	PASS
7.	Client’s Requirement – Cadmium Content	PASS
8.	Phthalates Content	SEE RESULT

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



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**Picture Page**

Pic.1



Pic.2



Pic.3



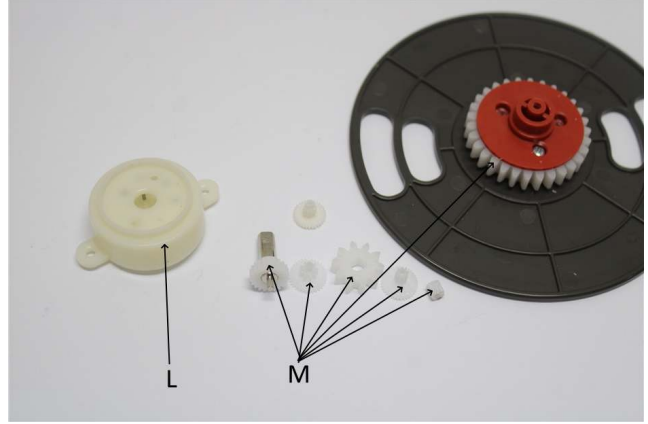
Pic.4



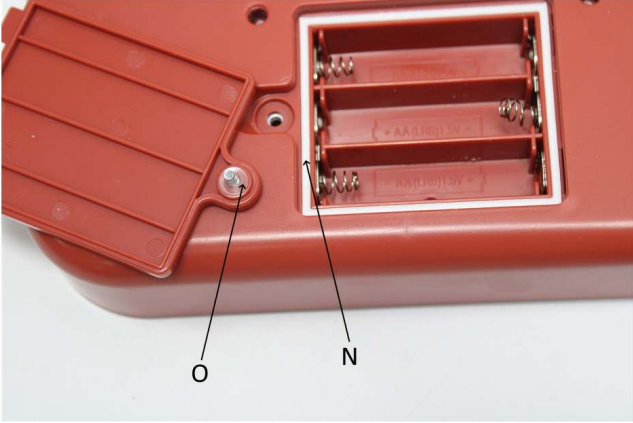
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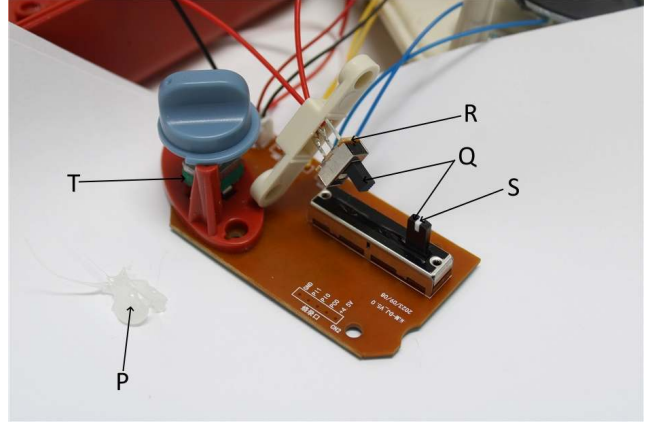
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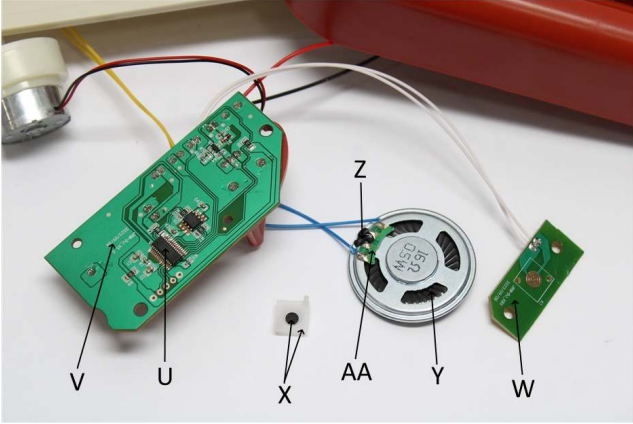
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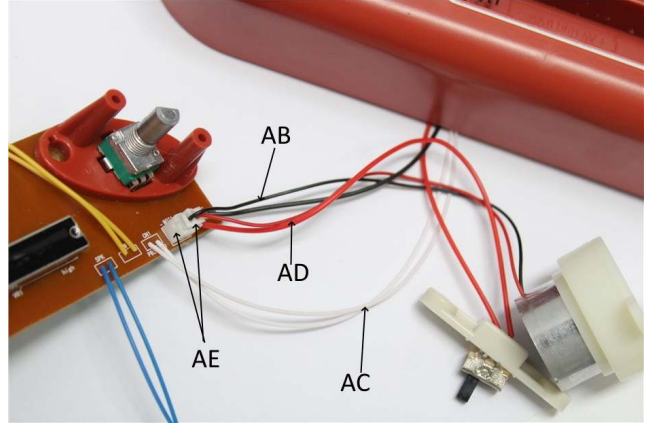
Pic.8



Pic.9



Pic.10

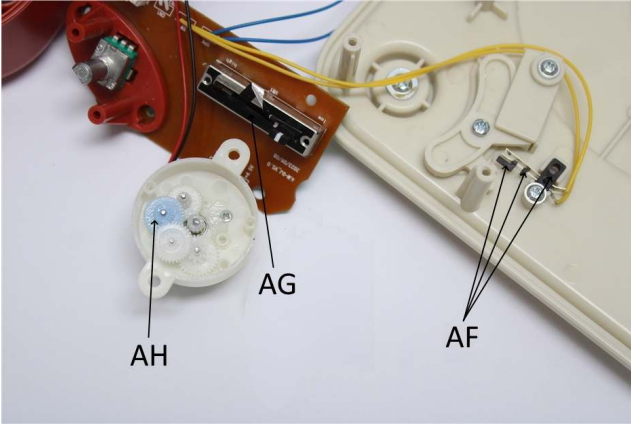


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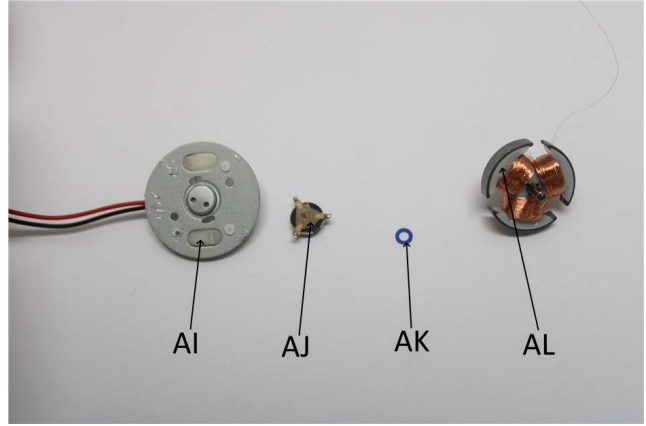
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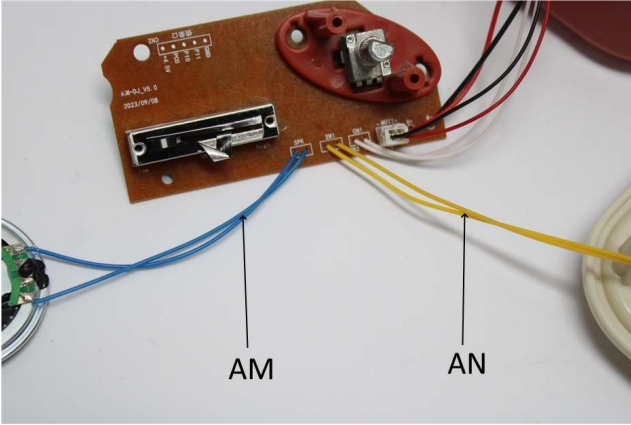
Pic.11



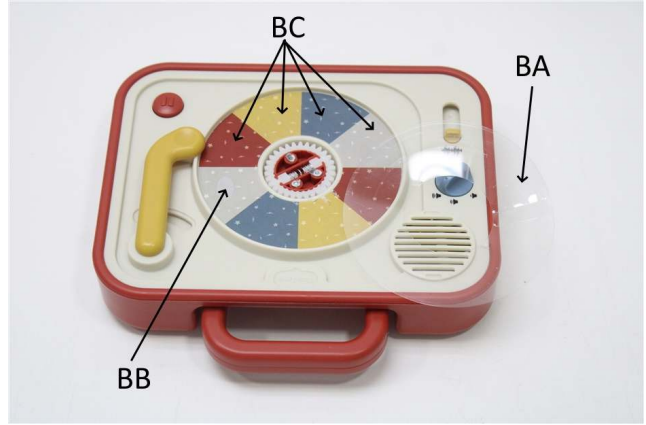
Pic.12



Pic.13



Pic.14



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

*Shelly*

*Aaron*

Jia Fengjuan, Shelly  
 Dept. Manager

Sun Enxu, Aaron  
 Dept. Manager

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**Results:**

**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:

Clause	Description	Result						
4	General Requirements							
4.1	Materials cleanliness	PASS						
4.7	Edges	PASS						
4.8	Points and Metallic Wires	PASS						
4.10	Parts moving against each other:							
4.10.2	Driving Mechanisms	PASS						
4.20	Acoustics	PASS (See Table)						
	<b>Table:</b> <b>Toy:</b> <table border="1" data-bbox="319 1164 954 1321"> <thead> <tr> <th>Max Result</th> <th>Limit</th> </tr> </thead> <tbody> <tr> <td>LpA: 67.5dB</td> <td>80dB</td> </tr> <tr> <td>LpCpeak: 84.5dB</td> <td>110dB</td> </tr> </tbody> </table>	Max Result	Limit	LpA: 67.5dB	80dB	LpCpeak: 84.5dB	110dB	
Max Result	Limit							
LpA: 67.5dB	80dB							
LpCpeak: 84.5dB	110dB							
5	Toys intended for Children under 36 months							
5.1	General Requirements							
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	PASS						
5.1b	Torque test (Test method 8.3)	PASS						
5.1b	Tension test (Test method 8.4)	PASS						
5.1b	Drop test (Test method 8.5)	PASS						
5.1b	Impact test (Test method 8.7)	PASS						
5.1b	Compression test (Test method 8.8)	PASS						
5.1b	Sharp edge (Test method 8.11)	PASS						
5.1b	Sharp point (Test method 8.12)	PASS						
6	Packaging	PASS						



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Clause	Description	Result
7	Warnings, markings and instructions for use	
	Only English warnings were checked for the clause 7.	
7.1	General	PASS
	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.	
	According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.	

**EN 71-2: 2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY**

AS SPECIFIED IN EN 71-2: 2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Type of gas: Butane gas used in the test burner

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements	PASS



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**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**

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Present	Packaging
CE mark	Present	Toy & Packaging
Importer's Name & Address	Present	Packaging
Manufacturer's Name & Address	Present	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+A1:2021 – Migration of certain elements**

Category III: Scraped-off toy material

Method: With reference to EN 71-3:2019+A1:2021. Analysis of general elements was performed by ICP-OES / Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis or LC-ICP-MS / organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)			MDL	Permissible Limit
	1	2	3		
<b>Specimen No.</b>				--	--
<b>Mass of trace amount</b> (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
	4	5	6		
<b>Specimen No.</b>				--	--
<b>Mass of trace amount</b> (mg)	/	/	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	28130
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	ND	ND	ND	1	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000

Specimen Description:

1. Red plastic (Body) (A)
2. Yellow plastic (Switch) (B)
3. Cream plastic (Body) (C)
4. Blue plastic (Switch) (D)
5. Grey plastic (Body) (E)
6. Transparent plastic sheet (Body) (BA)



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- 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+A1:2021, results shown only for reference

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- \* = Exceeds Permissible Limit

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+A1:2021.

White coating on plastic (Body) (I)  
Grey coating on plastic (Body) (J)  
Black coating on plastic (Body) (K)



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

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3  
 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. Translucent white rubber w/ black layer backing (Button) (X)	1	1	ND
2. Red plastic (Body) (A) + Yellow plastic (Switch) (B) + Cream plastic (Body) (C)	3	1	ND
3. Blue plastic (Switch) (D) + Grey plastic (Body) (E)	3	2	ND
4. Cream plastic (Inner) (L) + Black plastic (Inner) (Q) w/ White plastic (Switch) (S)	3	3	ND
5. Dull green plastic (Switch) (T) + White plastic (Plug, socket) (AE) + White plastic (Gear) (M)	3	4	ND
6. Black plastic (Electric brush) (AF) + Light blue plastic (Gear) (AH) + Cream plastic (Motor cover) (AI)	3	5	ND
7. White adhesive foam (Box) (N) w/ Transparent plastic sheet (Box) (O) + Transparent dry glue (Inner) (P)	3	6	ND
8. Black plastic sheet (Speaker) (Y) w/ Black dry glue (Speaker) (Z) + Silvery plastic label w/ black printing (Inner) (AG)	3	7	ND
9. Black plastic (Wire jacket) (AB) + White plastic (Wire jacket) (AC) + Red plastic (Wire jacket) (AD)	3	8	ND
10. Light brown PCB (R) + Cream PCB w/ green printing (AA)	3	9	ND
11. Brown PCB w/ green & white printing (V) w/ Black material (Big IC) (U) + Pale PCB w/ green & white printing (W)	3	10	ND
12. Translucent cream plastic (Motor bushing) (AJ) w/ Blue plastic sheet (Motor washer) (AK) + White plastic sheet (Motor rotor) (AL)	3	11	ND
13. Yellow plastic (Wire jacket) (AN) + Blue plastic (Wire jacket) (AM)	3	12	ND
14. Transparent plastic sheet (Body) (BA)	01T-3	1	ND
15. White paper label (Sticker) (BB)	01T-3	2	ND



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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. White coating on plastic (Body) (I) + Black coating on plastic (Body) (K)	2	1	ND
2. Grey coating on plastic (Body) (J)	2	2	ND
3. Multi-color coating on paper label (Sticker) (BC)	01T-7	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

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- <sup>Δ</sup> Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- \* Exceeds Permissible or Reference Limit



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**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) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Materials can be placed in the mouth for toys & childcare articles

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	6	6		
Tracing No.	--	1	2		
Specimen No.	--	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



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Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	6	6		
Tracing No.	--	3	10		
Specimen No.	--	3	4		
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)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	02T-1			
Tracing No.	--	1			
Specimen No.	--	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



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Specimen Description:

1. Red plastic (Body) (A) + Yellow plastic (Switch) (B) + Cream plastic (Body) (C)
2. Blue plastic (Switch) (D) + Grey plastic (Body) (E)
3. White coating on plastic (Body) (I) + Grey coating on plastic (Body) (J)
4. Black coating on plastic (Body) (K)
5. Transparent plastic sheet (Body) (BA)

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) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	6	6	6		
Tracing No.	--	4	5	6		
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

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	6	6		
Tracing No.	--	7	8		
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
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	--	0.1



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Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	6	6		
Tracing No.	--	9	11		
Specimen No.	--	<b>6</b>	<b>7</b>		
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

Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	02T-1			
Tracing No.	--	2			
Specimen No.	--	<b>8</b>			
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. Cream plastic (Inner) (L) + Black plastic (Inner) (Q) w/ White plastic (Switch) (S)
2. Dull green plastic (Switch) (T) + White plastic (Plug, socket) (AE) + White plastic (Gear) (M)
3. Black plastic (Electric brush) (AF) + Light blue plastic (Gear) (AH) + Cream plastic (Motor cover) (AI)
4. White adhesive foam (Box) (N) w/ Transparent plastic sheet (Box) (O) + Transparent dry glue (Inner) (P)
5. Black plastic (Wire jacket) (AB) + White plastic (Wire jacket) (AC) + Red plastic (Wire jacket) (AD)
6. Translucent white rubber w/ black layer backing (Button) (X) + Black plastic sheet (Speaker) (Y) w/ Black dry glue (Speaker) (Z)
7. Blue plastic (Wire jacket) (AM) + Yellow plastic (Wire jacket) (AN) + Silvery plastic label w/ black printing (Inner) (AG)
8. White paper label (Sticker) (BB) w/ Multi-color coating on paper label (Sticker) (BC)



- Note:
- ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - % = percentage by weight

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- <sup>Δ</sup> Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- \* Exceeds Permissible Limit

**European commission directive (EU) 2019/1929 – Formaldehyde**

For Polymeric

Method: With reference to EN71-10: 2005 and EN71-11: 2005  
 Analysis was performed by Ultraviolet Visible Spectrometer (UV-Vis)

Specimen Description	Alias No.	Tracing No.	MDL (mg/L)	Result(s) (mg/L)	Limit (mg/L)
1. Red plastic (Body) (A) + Yellow plastic (Switch) (B) + Cream plastic (Body) (C)	8	1	0.8	ND	1.5
2. Blue plastic (Switch) (D) + Grey plastic (Body) (E)	8	2	0.8	ND	1.5
3. Cream plastic (Inner) (L) + White plastic (Gear) (M) + Black plastic (Inner) (Q)	8	3	0.8	ND	1.5
4. White plastic (Switch) (S) + Dull green plastic (Switch) (T) + White plastic (Plug, socket) (AE)	8	4	0.8	ND	1.5
5. Black plastic (Electric brush) (AF) + Light blue plastic (Gear) (AH) + Cream plastic (Motor cover) (AI)	8	5	0.8	ND	1.5
6. White adhesive foam (Box) (N) + Transparent plastic sheet (Box) (O) + Transparent dry glue (Inner) (P)	8	6	0.8	ND	1.5
7. Black plastic sheet (Speaker) (Y) + Black dry glue (Speaker) (Z) + Cream PCB w/ green printing (AA)	8	7	0.8	ND	1.5



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Specimen Description	Alias No.	Tracing No.	MDL (mg/L)	Result(s) (mg/L)	Limit (mg/L)
8. Black plastic (Wire jacket) (AB) + White plastic (Wire jacket) (AC) + Red plastic (Wire jacket) (AD)	8	8	0.8	ND	1.5
9. Translucent white rubber w/ black layer backing (Button) (X) + Silvery plastic label w/ black printing (Inner) (AG)	8	9	0.8	ND	1.5
10. Yellow plastic (Wire jacket) (AN) + Blue plastic (Wire jacket) (AM)	8	10	0.8	ND	1.5
11. Transparent plastic sheet (Body) (BA)	02T-2	1	0.8	ND	1.5

- Note:
- mg/L = milligram per liter
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen surface area
- Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- \* Exceeds Limit



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For Paper

Method: With reference to EN 645: 1993 (cold water extraction)  
 Analysis was performed by Ultraviolet Visible Spectrometer (UV-Vis)

Specimen Description	Alias No.	Tracing No.	MDL (mg/kg)	Result(s) (mg/kg)	Limit (mg/kg)
1. White paper label (Sticker) (BB) w/ Multi-color coating on paper label (Sticker) (BC)	02T-4	1	10	ND	30

- Note:
- mg/kg = milligram per kilogram
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- \* Exceeds Limit



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



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Test Item(s)	CAS No.	Result(s) (mg/kg)			MDL (mg/kg)	Client's Limit (mg/kg)
		4	5	6		
<b>Specimen No.</b>	--	4	5	6		
<b>Alias No.</b>	--	11	11	01T-4		
<b>Tracing No.</b>	--	4	5	1		
1. Naphthalene	91-20-3	ND	ND	ND	0.1	1
2. Acenaphthylene	208-96-8	ND	ND	ND	0.1	--
3. Acenaphthene	83-32-9	ND	ND	ND	0.1	--
4. Fluorene	86-73-7	ND	ND	ND	0.1	--
5. Phenanthrene	85-01-8	ND	ND	ND	0.1	--
6. Anthracene	120-12-7	ND	ND	ND	0.1	--
7. Fluoranthene	206-44-0	ND	ND	ND	0.1	--
8. Pyrene	129-00-0	ND	ND	ND	0.1	--
9. Benzo[a]anthracene	56-55-3	ND	ND	ND	0.1	0.2
10. Chrysene	218-01-9	ND	ND	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	ND	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	ND	ND	0.1	0.2
13. Benzo[j]fluoranthene	205-82-3	ND	ND	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	ND	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	ND	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND	ND	0.1	0.2
17. Dibenzo[a,h]anthracene	53-70-3	ND	ND	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	ND	ND	0.1	0.2
Sum of 7 PAHs <sup>^</sup>	--	ND	ND	ND	--	1
Sum of 18 PAHs	--	ND	ND	ND	--	1



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### Specimen Description:

1. Red plastic (Body) (A)
2. Yellow plastic (Switch) (B)
3. Cream plastic (Body) (C)
4. Blue plastic (Switch) (D)
5. Grey plastic (Body) (E)
6. Transparent plastic sheet (Body) (BA)

Note: - ND = Not Detected (lower than MDL)

- MDL = Method Detection Limit

- mg/kg = milligram per kilogram

- <sup>^</sup>7 PAHs including Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene & Pyrene

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- <sup>Δ</sup> Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- \* Exceeds Client's limit

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.

Black coating on plastic (Body) (K) w/ Grey coating on plastic (Body) (J) w/ White coating on plastic (Body) (I)





**Lead Content**

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3

Test Item(s)	Unit	1	2	MDL	Client's Limit
Alias No.	--	5	5	--	--
Tracing No.	--	1	2	--	--
Lead (Pb)	mg/kg	ND	ND	10	40

Test Item(s)	Unit	3	MDL	Client's Limit
Alias No.	--	02T-3	--	--
Tracing No.	--	1	--	--
Lead (Pb)	mg/kg	ND	10	40

Specimen Description:

1. Red plastic (Body) (A) + Yellow plastic (Switch) (B) + Cream plastic (Body) (C)
2. Blue plastic (Switch) (D) + Grey plastic (Body) (E)
3. Transparent plastic sheet (Body) (BA)

- Note:
- mg/kg = milligram per kilogram
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- \* Exceeds Client's Limit



**Cadmium Content**

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3

Test Item(s)	Unit	1	2	MDL	Client's Limit
Alias No.	--	4	4	--	--
Tracing No.	--	1	2	--	--
Cadmium (Cd)	mg/kg	ND	ND	5	40

Test Item(s)	Unit	3	MDL	Client's Limit
Alias No.	--	01T-5	--	--
Tracing No.	--	1	--	--
Cadmium (Cd)	mg/kg	ND	5	40

**Specimen Description:**

1. Red plastic (Body) (A) + Yellow plastic (Switch) (B) + Cream plastic (Body) (C)
2. Blue plastic (Switch) (D) + Grey plastic (Body) (E)
3. Transparent plastic sheet (Body) (BA)

- Note:
- mg/kg = milligram per kilogram
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- \* Exceeds Client's Limit



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**Phthalates Content**

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

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (%)			MDL (%)
		1	2	3	
<b>Specimen No.</b>	--	1	2	3	MDL (%)
<b>Alias No.</b>	--	7	7	7	
<b>Tracing No.</b>	--	1	2	3	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003
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
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	ND	ND	0.003
Diisopentyl phthalate (DiPP)	605-50-5	ND	ND	ND	0.003
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	ND	ND	0.003
Di-n-pentyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003
1,2-Benzenedicarboxylic acid, bis(2-propylheptyl) ester (DPHP)	53306-54-0	ND	ND	ND	0.010
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	ND	ND	0.010
Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	ND	ND	0.010
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ^	84777-06-0	ND	ND	ND	0.003
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	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	ND	0.025



Test Item(s)	CAS No.	Result(s) (%)			MDL (%)
		4	5	6	
Specimen No.	--	4	5	6	MDL (%)
Alias No.	--	7	7	7	
Tracing No.	--	4	5	6	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003
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
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	ND	ND	0.003
Diisopentyl phthalate (DiPP)	605-50-5	ND	ND	ND	0.003
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	ND	ND	0.003
Di-n-pentyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003
1,2-Benzenedicarboxylic acid, bis(2-propylheptyl) ester (DPHP)	53306-54-0	ND	ND	ND	0.010
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	ND	ND	0.010
Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	ND	ND	0.010
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ^	84777-06-0	ND	ND	ND	0.003
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	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	ND	0.025



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Test Item(s)	CAS No.	Result(s) (%)			MDL (%)
		7	8	9	
Specimen No.	--	7	8	9	MDL (%)
Alias No.	--	7	7	7	
Tracing No.	--	7	8	9	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003
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
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	ND	ND	0.003
Diisopentyl phthalate (DiPP)	605-50-5	ND	ND	ND	0.003
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	ND	ND	0.003
Di-n-pentyl phthalate(DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003
1,2-Benzenedicarboxylic acid, bis(2-propylheptyl) ester (DPHP)	53306-54-0	ND	ND	ND	0.010
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND	ND	ND	0.010
Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	ND	ND	0.010
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ^	84777-06-0	ND	ND	ND	0.003
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	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	ND	0.025



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Test Item(s)	CAS No.	Result(s) (%)		MDL (%)
Specimen No.	--	10	11	
Alias No.	--	7	7	
Tracing No.	--	10	11	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl 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
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
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	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(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003
1,2-Benzenedicarboxylic acid, bis(2-propylheptyl) ester (DPHP)	53306-54-0	ND	ND	0.010
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



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Test Item(s)	CAS No.	Result(s) (%)		MDL (%)
Specimen No.	--	12	13	
Alias No.	--	01T-6	01T-6	
Tracing No.	--	1	2	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl 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
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
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	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(DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003
1,2-Benzenedicarboxylic acid, bis(2-propylheptyl) ester (DPHP)	53306-54-0	ND	ND	0.010
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



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Specimen Description:

1. Red plastic (Body) (A) + Yellow plastic (Switch) (B) + Cream plastic (Body) (C)
2. Blue plastic (Switch) (D) + Grey plastic (Body) (E)
3. White coating on plastic (Body) (I) + Grey coating on plastic (Body) (J)
4. Cream plastic (Inner) (L) + Black plastic (Inner) (Q) w/ White plastic (Switch) (S)
5. Dull green plastic (Switch) (T) + White plastic (Plug, socket) (AE) + White plastic (Gear) (M)
6. Black plastic (Electric brush) (AF) + Light blue plastic (Gear) (AH) + Cream plastic (Motor cover) (AI)
7. White adhesive foam (Box) (N) w/ Transparent plastic sheet (Box) (O) + Transparent dry glue (Inner) (P)
8. Black plastic (Wire jacket) (AB) + White plastic (Wire jacket) (AC) + Red plastic (Wire jacket) (AD)
9. Translucent white rubber w/ black layer backing (Button) (X) + Black plastic sheet (Speaker) (Y) w/ Black dry glue (Speaker) (Z)
10. Black coating on plastic (Body) (K)
11. Blue plastic (Wire jacket) (AM) + Yellow plastic (Wire jacket) (AN) + Silvery plastic label w/ black printing (Inner) (AG)
12. Transparent plastic sheet (Body) (BA)
13. White paper label (Sticker) (BB) w/ Multi-color coating on paper label (Sticker) (BC)

- Note:
- MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - % = percentage by weight

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- <sup>^</sup> = a mixture of i) Di-n-pentyl phthalate (DPP); ii) N-pentyl-isopentylphthalate (nPiPP) and iii) Diisopentyl phthalate (DiPP)
- <sup>Δ</sup> Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- \* Exceeds Client's Limit

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



Note:

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the report:

N/A = Not Applicable

\*\* = Visual Examination

DNI = Did Not Ignite

SE = Self-Extinguishing

IBE = Ignite But Self-Extinguished

SE within 50mm = Self-extinguished within 50 mm of flame application

Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
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 [ $T_L - U_{95}$ ,  $T_L + U_{95}$ ]

\*\*\* End of Report \*\*\*

