

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 1 of 77

Applicant : CARPENTERS MANUFACTORY LIMITED

Address: HUANG JIN JI INDUSTRIAL ZONE, SHANG JIE VILLAGE, QI SHI TOWN, DONG GUAN CITY, GUANG DONG PROVINCE, P.R.CHINA

The following sample(s) and sample information was/were submitted and identified by client as:

Sample Name:	LED Light Box (Square), Square LED Box (Colour Changing), Rectangular LED Box (Colour Changing), Bottom Light Game Tray (Used with Masterkidz 600L Square LED Light Box), 3 Colour Translucent Acrylic Balls 48 Piece Set, 6 Colour Translucent Acrylic Cylinders 48 Piece Set, Clear Water Play Tray (Square), Clear Water Play Tray (Rectangular), Square Painting Tray, 38 Pieces Translucent Numbers and Alphabets Set, 26 Pieces Color Discovery Kit, Squashy Uppercase Letters - 36 Piece Set
Model/Style/Item #:	ME04062,ME07452,ME07445,ME12388,ME13040,ME13057,ME12395,ME10339,ME1240 1,ME07308,ME09722
Labeled Age Grading:	3Y+
Requested Age Grading:	3Y+
Tested Age Grading:	3Y+
Receiving Date:	2-Dec-2021,20-Jan-2022,3-Mar-2022
Test Period:	From 2-Dec-2021 to 9-Mar-2022
Add Information:	
* * * * * * * * * * * * * * *	* * * * * Please refer to the following page for detailed results * * * * * * * * * * * * * * * * *

Signed for and on behalf of STS

TESTING SERVIC

Tim Qi (Technical Director)



Date: 10-Mar-2022

Page 2 of 77

Test Summary:

#	Test Item(s)	Reference Standard/Method	Result
1	Safety of Toys: Mechanical and Physical Properties	EN 71-1:2014+A1:2018	PASS
2	Safety of Toys: Flammability	EN 71-2:2020	PASS
3	Safety of Toys: Migration of Certain Elements	EN 71-3:2019+A1:2021	PASS
4	Phthalate content (DIBP、DEHP、DBP、BBP、 DINP、DIDP、DNOP) -Item 51&52 of Annex XVII of REACH Regulation (EC) 1907/2006.	EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS	PASS
5	Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006	IEC 62321-5:2013, determined by AAS	PASS
6	Mechanical and Physical Propertie	ASTM F963-17	PASS
7	Flammability of Solids	16 CFR 1500.44 / ASTM F963-17, A5	PASS
8	Soluble Migrated Elements ASTM F963-17	M F963-17 ICP-OES	
9	Lead Content (Pb) ASTM F963-17	CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1	PASS
10	Lead Content (Pb) CPSIA H.R. 4040 Sec. 101	(Surface Coating), determined by AAS CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1 (Surface Coating), determined by AAS	PASS
11	Phthalates (DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)-Consumer Product Safety Improvement Act of 2008(H.R. 4040) & H.R.2715 amendment &16 CFR Part 1307	CPSC-CH-C1001-09.4, Solvent extract and determined by GC/MS	PASS
12	Mechanical and Physical Properties	SOR/2011-17(Except Clause 3)	PASS
13	Flammability	SOR/2011-17	PASS
14	Lead Content (Pb) SOR/2011-17	Canada Product Safety Laboratory Book 5 - Laboratory Policies and Procedures Part B,Test Methods Section, Method C02.2:2017	PASS
15	Mercury Content (Hg) SOR/2011-17	Canada Product safety reference manual Book 5- Laboratory policies and procedures Part B: Test Methods Section, Method C-07:2019	PASS
16	Soluble Migrated Elements SOR/2011-17	Canada Product safety reference manual Book 5- Laboratory policies and procedures Part B: Test Methods Section, Method C-03: 2018	PASS
17	Phthalates (DBP, BBP, DEHP, DNOP, DINP, DIDP) SOR/2016-188	Canada health - Product Safety Reference Manual, Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section. Method C-34:2018, Solvent extract and determined by GC/MS	PASS

Guangznou Depunua Test Services C	o. Ltd.		
A301, 3/F., Xinghui Building, Guanqia	o, Shilou, Panyu District, Guangzhou,	Guangdong e-m	ail: stsgz@stsapp.com
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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 3 of 77

PASS

18	Mechanical and Physical Propertie - Australian/New Zealand Standard on Safety of Toys	AS/NZS ISO 8124.1:2019	PASS
19	Flammability Properties - Australian/New Zealand Standard on Safety of Toys	AS/NZS 8124.2:2016	PASS
20	Soluble elements Content- Australian/New Zealand Standard on Safety of Toys	AS/NZS ISO 8124.3:2021,determined by ICP	PASS
21	Phthalates content- As Client's Requirement	CPSC-CH-C1001-09.4, determined by GC-MS	SEE RESULT
22	Lead Content (Pb) - 16 CFR 1303	CPSC-CH-E1003-09.1(Surface Coating) ,determined by AAS	PASS

Result:

1. Safety of Toys: Mechanical and Physical Properties – EN 71-1:2014+A1:2018

Clause	Parameter	Results
4	General requirements	
4.1	Material cleanliness	Pass
4.2	Assembly	Pass
4.3	Flexible plastic sheeting	Pass
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA

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Date: 10-Mar-2022

Page 4 of 77

4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.18	Aquatic toys and inflatable toys	Pass
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	Pass
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy disguise costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirement	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA

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Date: 10-Mar-2022

Page 5 of 77

5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	Pass
7	Warnings, markings and instructions for use	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 6 of 77

PASS

7.19	Rocking horses and similar toys	NA
7.20	Magnetic / electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Remark(s): NA = Not Applicable

2. Safety of Toys: Flammability – EN 71-2:2020

Clause	Parameter	Results
4.1	General requirements	Pass
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA

Remark(s): NA = Not Applicable



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 7 of 77

Safety of Toys: Migration of Certain Elements EN 71-3:2019+A1:2021 General elements determined by ICP-MS Chromium(VI) determined by IC-ICP-MS Organic tin determined by GC-MS 3.

			Mat	erial			
	Compound	Category III ^{*1}				Limit (mg/kg)	RL (mg/kg)
		1	2	3	4		
1	Aluminum (Al)	N.D.	16	N.D.	N.D.	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	20	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	88	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2*2
19	Zinc (Zn)	N.D.	144	1020	N.D.	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 8 of 77

				19			
	_		Mat	erial			
Compound		Category III ^{*1}				Limit (mg/kg)	RL (mg/kg)
		5		9	10		
1	Aluminum (Al)	N.D.	N.D.	N.D.	N.D.	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	N.D.	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2 ^{*2}
19	Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

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Date: 10-Mar-2022

Page 9 of 77

			Mate	erial			
	Compound	Category III ^{*1}				Limit (mg/kg)	RL (mg/kg)
		11	18	19	20		
1	Aluminum (Al)	N.D.	N.D.	N.D.	N.D.	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	N.D.	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2 ^{*2}
19	Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-



Date: 10-Mar-2022

Page 10 of 77

						1	
			Ма	terial			
	Compound		Cateç	jory III*1		Limit (mg/kg)	RL (mg/kg)
		28	31	36	40	_	
1	CompoundAluminum (AI)Antimony (Sb)Arsenic(As)Barium(Ba)Boron (B)Cadmium (Cd)Chromium (III) (Cr)Chromium (VI) (Cr)Cobalt (Co)Copper (Cu)Lead(Pb)Manganese (Mn)Mercury (Hg)Nickel (Ni)Selenium(Se)Strontium (Sr)Tin (Sn)Organic tin (Sn)	N.D.	N.D.	N.D.	N.D.	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	N.D.	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2*2
19	Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-



Date: 10-Mar-2022

Page 11 of 77

			Ма	terial			
	Compound		Categ	jory III*1		Limit (mg/kg)	RL (mg/kg)
		41	43	44	45		
1	CompoundAluminum (AI)Antimony (Sb)Arsenic(As)Barium(Ba)Boron (B)Cadmium (Cd)Chromium (III) (Cr)Chromium (VI) (Cr)Cobalt (Co)Copper (Cu)Lead(Pb)Manganese (Mn)Mercury (Hg)Nickel (Ni)Selenium(Se)Strontium (Sr)Tin (Sn)Organic tin (Sn)	N.D.	N.D.	12	N.D.	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	N.D.	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2*2
19	Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-



Date: 10-Mar-2022

Page 12 of 77

			Ма	terial			
	Compound		Categ	jory III*1		Limit (mg/kg)	RL (mg/kg)
		46	47	48	49	_	
1	CompoundAluminum (AI)Antimony (Sb)Arsenic(As)Barium(Ba)Boron (B)Cadmium (Cd)Chromium (III) (Cr)Chromium (VI) (Cr)Cobalt (Co)Copper (Cu)Lead(Pb)Manganese (Mn)Mercury (Hg)Nickel (Ni)Selenium(Se)Strontium (Sr)Tin (Sn)Organic tin (Sn)	N.D.	33	N.D.	N.D.	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	N.D.	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	15	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2*2
19	Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-



Date: 10-Mar-2022

Page 13 of 77

			Mat	terial			
	Compound			ory III ^{*1}		Limit	RL
		50	51	53	54	(mg/kg)	(mg/kg)
1	CompoundAluminum (AI)Antimony (Sb)Ansenic(As)Barium(Ba)Boron (B)Cadmium (Cd)Chromium (III) (Cr)Chromium (VI) (Cr)Cobalt (Co)Copper (Cu)Lead(Pb)Manganese (Mn)Mercury (Hg)Nickel (Ni)Selenium(Se)Strontium (Sr)Tin (Sn)	N.D.	N.D.	20	75	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	N.D.	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2 ^{*2}
19	Zinc (Zn)	N.D.	N.D.	1230	10	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-



Date: 10-Mar-2022

Page 14 of 77

			Mat	terial			DI
	Compound		Categ	ory III ^{*1}		Limit (mg/kg)	RL (mg/kg)
		55	56	57	58		
1	Aluminum (Al)	44	65	68	N.D.	70000	10
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	560	10
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	47	5
4	Barium(Ba)	N.D.	N.D.	N.D.	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	17	5
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	460	10
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	0.053	0.053
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	130	10
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	23	5
12	Manganese (Mn)	27	18	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	94	10
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	56000	10
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	180000	4.9
18	Organic tin (Sn)	N.D.*2	N.D.*2	N.D.*2	N.D.*2	12 ^{*2}	0.2*2
19	Zinc (Zn)	N.D.	30	15	N.D.	46000	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm

(b) RL: Report limit

(c) N.D.: Not detected (result is less than RL)
*1: Categories of various materials:
Category I: Dry, brittle, powder like or pliable material
Category II: Liquid or sticky material
Category III: Scraped-off material

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Date: 10-Mar-2022

Page 15 of 77

*2: Expressed as soluble Tributyltin.

4. Phthalate content (DIBP、DEHP、DBP、BBP、DINP、DIDP、DNOP) - Item 51& 52 of Annex XVII of REACH Regulation (EC) 1907/2006

EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS

				Mat	erial		Limit	
		Compound	2	3	4	5	(%)	RL (%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	- (0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	<u> </u>	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	Z -
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclu	sion	PASS	PASS	PASS	PASS	-	-

				Mate	Limit	RL		
		Compound	6	9	10	11	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	1-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 16 of 77

9	Sum of 5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion	PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	12	13	14	15	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1) -
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclu	sion	PASS	PASS	PASS	PASS	-	-

				Mate	erial		Limit (%)	RL
		Compound	16	17	18	19		(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.		0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.		0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	- 4	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 17 of 77

8	Sum of 1, 2, 3 & 4 Sum of 5, 6 & 7	N.D. N.D.	N.D. N.D.	N.D. N.D.	N.D. N.D.	0.1 0.1	-
	Conclusion	PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	20	22	23	24	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	0.0331	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	/ <u>-</u>	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	0.0331	N.D.	N.D.	N.D.	2-
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	N.D.	-
	Conclu	sion	PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	25	26	27	28	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	0.0363	N.D.		0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.		0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	- 4	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 18 of 77

8	Sum of 1, 2, 3 & 4	N.D.	N.D.	0.0363	N.D.	0.1	-
9	Sum of 5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion	PASS	PASS	PASS	PASS	-	-

		_		Mat	erial		Limit	RL
		Compound	29	30	31	32	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	<u> </u>	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	2 -
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion		PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	33	35	36	37	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.		0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.		0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	- 6	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 19 of 77

•	Sum of 1 2 2 8 4					0.1	
8	Sum of 1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	-
9	Sum of 5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion	PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	38	40	41	42	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	/ -	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	2 -
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion		PASS	PASS	PASS	PASS	-	-

				Mate	erial		Limit	RL
		Compound	43	44	45	46	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.		0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.		0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	- 4	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 20 of 77

8	Sum of 1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	-
9	Sum of 5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion	PASS	PASS	PASS	PASS	-	-

		_		Mat	erial		Limit	RL
		Compound	47	48	49	50	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	<u> </u>	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	2 -
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion		PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	51	53	54	55	(%)	(%)
7	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.		0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	<u> </u>	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.		0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 21 of 77

8	Sum of 1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	_
9	Sum of 5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion	PASS	PASS	PASS	PASS	-	-

				Mat	erial	_	Limit	RL
		Compound	56	57	58	59	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.		0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	2 -
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion		PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	60	61	62	63	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.		0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	<u> </u>	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	- 3	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 22 of 77

8	Sum of 1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	-
9	Sum of 5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclusion	PASS	PASS	PASS	PASS	-	-

				Mat	erial		Limit	RL
		Compound	64	65	66	67	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	<u> </u>	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	-	0.005
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	N.D.	N.D.	0.1	2-
9	Sum of	5, 6 & 7	N.D.	N.D.	N.D.	N.D.	0.1	-
	Conclu	sion	PASS	PASS	PASS	PASS	-	-

			Material	Limit	RL
		Compound	68	(%)	(%)
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.		0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	<u> </u>	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	-	0.005
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	- (0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	- 4	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	-	0.005

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Report No.: STSGZ2112023015E Page 23 of 77 Date: 10-Mar-2022 8 Sum of 1, 2, 3 & 4 N.D. 0.1 _ 9 Sum of 5, 6 & 7 N.D. 0.1 Conclusion PASS --

Remark(s): (a) RL: Report limit (b) N.D.: Not detected (result is less than RL)

Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006 5. IEC 62321-5:2013, determined by AAS

	Compound		Mat	Limit	RL		
			3	4	5	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	Limit	RL		
	Compound	6	9	10	11	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

		Compound		Mat	erial		Limit	RL	
/		Compound	12	13	14	15	(mg/kg)	(mg/kg)	
M	1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10	
		Conclusion	PASS	PASS	PASS	PASS	-	-	

	Compound		Mat	Limit	RL		
	Compound		17	18	19	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 24 of 77

		·				-	1
Compound			Mat	Limit	RL		
		20	22	23	24	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	Limit	RL		
Compound		25	26	27	28	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Limit	RL			
	Compound	29	30	31	32	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	Material			RL
	Compound	33	35	36	37	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Commound		Mat	terial		RL	
	Compound	38	40	41	42	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-
	Conclusion	PASS	PASS	PASS	PASS	-	

	Compound		Mat	Limit	RL		
	Compound	43	44	45	46	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

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Date: 10-Mar-2022

Page 25 of 77

1							
Compound			Mat	Limit	RL		
	Compound	47	48	49	50	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound			Mate	Limit	RL		
-	Com	pound	51	53	54	55	(mg/kg)	(mg/kg)
	Cadmium (CAS#7440-43		N.D.	N.D.	N.D.	N.D.	100	10
_	Conclusio	n	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL
	Compound	56	57	58	59	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL
	Compound	60	61	62	63	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	Limit	RL		
	Compound	64	65	66	67	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 26 of 77

PASS

	Compound	Material	Limit	RL
	Compound	68	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	100	10
	Conclusion	PASS	-	-

6. Mechanical and Physical Properties – ASTM F963-17

Clause	Parameter	Results
4	Safety Requirements	
4.1	Material Quality	Pass
4.2	Flammability	Pass
4.4	Electrical / Thermal Energy	NA
4.5	Sound-Producing Toys	NA
4.6	Small Objects	Pass
4.7	Accessible Edges	Pass
4.8	Projections	NA
4.9	Accessible Points	Pass
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	Pass
4.12	Plastic Film	Pass
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	NA
4.16	Confined Spaces	NA
4.17	Wheels, Tires, and Axles	NA

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Date: 10-Mar-2022

Page 27 of 77

4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	NA
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys with Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapments in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labeling Requirements	
5.1	Federal Government Requirements	Pass

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Date: 10-Mar-2022

Page 28 of 77

5.2	Age Grading Labeling	Pass
5.3	Safety Labeling Requirements	Pass
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.6	Mobiles	NA
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled by an Adult	NA
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges or Points	NA
5.11	Small Objects, Small Balls, Marbles, and Balloons	Pass
5.12	Toy Caps	NA
5.13	Art Materials	NA
5.14	Electric Toys	NA
5.16	Promotional Materials	NA
5.17	Magnets	NA
6	Instructional Literature	
6.1	Definition and Description	Pass
6.2	Crib and Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended to be Assembled by an Adult	NA
6.7	Toys in Contact with Food	NA
6.8	Toy Chests	NA
7	Producer's Markings	Pass
8	Test Methods	
8.5	Normal Use Testing	Pass
8.6	Abuse Testing	Pass

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Report No.: STSGZ2112023015EDate: 10-Mar-2022Page 29 of 778.7Impact TestsPass8.8Torque Tests for Removal of ComponentsPass8.9Tension Tests for Removal of ComponentsPass8.10Compression TestsPass

Remark(s): NA = Not Applicable

7.1 Flammability of Solids – 16 CFR 1500.44 / ASTM F963-17, A5

Clause	Parameter	Results
16 CFR 1500.44 / F963-17, A5	ASTM Flammability	Pass

8. Soluble Migrated Elements ASTM F963-17, determined by ICP-OES

	Compound		Material			Limit	RL (mg/kg)
	Compound	Compound 1 2		3	3 4		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	14	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mate	Material			
	Compound	5	6	9	10	(mg/kg)	RL (mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5

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Guangzhou Depuhua Test Services Co. Ltd.

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PASS

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 30 of 77

2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	O a man a ma d		Mate	erial		Limit	RL
	Compound			19	19 20		(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL
	Compound	28	31	36	40	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5



Date: 10-Mar-2022

Page 31 of 77

5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	terial		Limit	RL
	Compound	41	43	44	45	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Commoniad		Mat	terial		Limit	RL
	Compound	46	47	48	49	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 32 of 77

8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	0		Ма	terial		Limit	RL
	Compound	50	51	53	54	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Common and		Mate	erial		Limit	RL
	Compound	55	56 57		58	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram (b) RL: Report limit (c) N.D.: Not detected (result is less than RL)

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 33 of 77

9. Lead Content (Pb) – ASTM F963-17

CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1 (Surface Coating), determined by AAS

	Compound		Mat	Material			RL
	Compound	2	7	8	9	Limit (mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

Compound		Material				Limit	RL
	Compound	10 11 18	18	19	(mg/kg)	(mg/kg)	
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound	Material				Limit	RL
	Compound	20	21	28	31	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-
		·					·

		Compound	Material				Limit	RL
	Compound		34	36	39	40	(mg/kg)	(mg/kg)
	1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
\leq		Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound	Material				Limit	RL
	Compound	43	44	45	46	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 34 of 77

	Compound		Mat	Limit	RL			
	Compound	47	48	49	50	(mg/kg)	(mg/kg)	
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10	
	Conclusion	PASS	PASS	PASS	PASS	-	-	

		Compound		Limit	RL		
		Compound	51	52	58	(mg/kg)	(mg/kg)
	1	Lead (Pb)	N.D.	N.D.	N.D.	100	10
N		Conclusion	PASS	PASS	PASS	-	-

	Compound	Material				Limit	RL
	Compound	3	4	5	6	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Limit	RL			
	Compound	41	53	54	55	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-
							~

	Compound	Mate	Limit	RL		
	Compound	56	57	(mg/kg)	(mg/kg)	
1	Lead (Pb)	N.D. N.D.		90	10	
Conclusion		PASS	PASS	-	-	

Remark(s): (a) mg/kg: milligram per kilogram (b) RL: Report limit (c) N.D.: Not detected (result is less than RL)



REPORT TEST

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 35 of 77

10.

Lead Content (Pb) – CPSIA H.R. 4040 Sec. 101 CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1 (Surface Coating), determined by AAS

	Compound		Limit	RL			
	Compound	2	7	8	9	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Material				Limit	RL
1		Compound	10	11	18	19	(mg/kg)	(mg/kg)
	1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
		Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL
	Compound	20	21	28	31	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mate	erial		Limit	RL
	Compound	34	36	39	40	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL (mg/kg)
	Compound	43	44	45	46	(mg/kg)	
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 36 of 77

	Commoned		Mat	erial		Limit	RL (mg/kg)
	Compound	47	48	49	50	(mg/kg)	
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

		Compound		Material		Limit RL	RL
		Compound	51	52	58	(mg/kg)	(mg/kg)
	1	Lead (Pb)	N.D.	N.D.	N.D.	100	10
N		Conclusion	PASS	PASS	PASS	-	-

	Compound		Mat	terial		Limit (mg/kg)	RL (mg/kg)
	Compound	3	4	5	6		
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL
	Compound	41	53	54	55	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-
							~

		Compound	Mate	erial	Limit	RL (mg/kg)
<		Compound	56	57	(mg/kg)	
	1	Lead (Pb)	N.D.	N.D.	90	10
		Conclusion	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram (b) RL: Report limit (c) N.D.: Not detected (result is less than RL)



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 37 of 77

11. Phthalates (DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)-Consumer Product Safety Improvement Act of 2008(H.R. 4040) & H.R.2715 amendment &16 CFR Part 1307. CPSC-CH-C1001-09.4, Solvent extract and determined by GC/MS

				Mat	terial		Limit	RL
	Compound		2	3	4	5	(%)	(%)
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclus	ion	PASS	PASS	PASS	PASS	-	-

	0.			Mat	Limit	RL		
		ompound	6	9	10	11	(%)	(%)
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclus	ion	PASS	PASS	PASS	PASS	-	-

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 38 of 77

							i	1
				Mat		Limit	RL	
	Co	ompound	18	19	20	28	(%)	(%)
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclus	ion	PASS	PASS	PASS	PASS	-	-

Compound				Mat	Limit	RL		
Compound		31	36	40	41	(%)	(%)	
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclus	ion	PASS	PASS	PASS	PASS	-	-

Compound			Mate	Limit	RL			
	Compound		43	44	45	46	(%)	(%)
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 39 of 77

2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclus	ion	PASS	PASS	PASS	PASS	-	-

				Mat		Limit	RL	
	Co	mpound	47	48	49	50	(%)	(%)
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclus	ion	PASS	PASS	PASS	PASS	-	-

	0.			Mat	Limit	RL		
	Compound		51	53	54	55	(%)	(%)
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 40 of 77

5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclus	sion	PASS	PASS	PASS	PASS	-	-

	Compound			Material				
	Compound		56	57	58	(%)	(%)	
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	0.1	0.005	
2	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	0.1	0.005	
3	DPENP	Di-n-pentyl Phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	0.1	0.005	
4	DHEXP	Di-n-hexyl Phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	0.1	0.005	
5	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	0.1	0.005	
6	DEHP	Bis (2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	0.1	0.005	
7	DCHP	Dicyclohexly Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	0.1	0.005	
8	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0,68515- 48-0	N.D.	N.D.	N.D.	0.1	0.005	
	Conclus	ion	PASS	PASS	PASS	-	-	

Remark(s): (a) RL: Report limit (b) N.D.: Not detected (result is less than RL)

12. Mechanical and Physical Properties – SOR/2011-17

Clause	Parameter	Results
3	Official languages	NR
4	Flexible film bags	Pass
7	Small parts	NA
8	Metal edges	Pass

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Guangzhou Depuhua Test Services Co. Ltd.

PASS





Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 41 of 77

9	Wire frames	NA
10	Plastic edges	Pass
11	Wood	Pass
12	Glass	NA
13	Fasteners	NA
14	Safety stops or locking devices	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Enclosures	NA
18	Stability	NA
19	Decibel limit	NA
21	Flammability hazards – Celluloid or cellulose nitrate	Pass
28	Dolls, plush toys and soft toys – Fastenings	NA
29	Dolls, plush toys and soft toys – Stuffing	NA
30	Dolls, plush toys and soft toys – Small parts	NA
31	Dolls, plush toys and soft toys – Eyes and noses	NA
35	Plant seeds – Noise	NA
36	Plant seeds – stuffing material	NA
37	Pull and push toys	NA
38	Toys steam engines	NA
39	Finger paints	NA
40	Rattles	NA
41	Elastics	NA
42	Yo-yo type balls	NA
43	Magnetic toys	NA



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 42 of 77

Remark(s): NA = Not Applicable NR=Not Required

13. Flammability - SOR/2011-17

PASS

Parameter	Results
Celluloid or cellulose nitrate	Pass
Dolls, plush toys and soft toys – Flammability of outer covering	NA
Dolls, plush toys and soft toys – Flammability of yarn	NA
Dolls, plush toys and soft toys – Flammability of hair or mane	NA
	Celluloid or cellulose nitrate Dolls, plush toys and soft toys – Flammability of outer covering Dolls, plush toys and soft toys – Flammability of yarn

14. Lead Content (Pb)

Canada Product Safety Laboratory Book 5 - Laboratory Policies and Procedures Part B, Test Methods Section, Method C02.2:2017

	Compound	Material				Limit	RL
	Compound	3	4	5	6	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mate	Limit	RL		
	Compound	41	53	54	55	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Commound	Compound		Limit	RL
	Compound	56	57	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	-	-



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 43 of 77

15. Mercury Content (Hg)

Canada Product safety reference manual Book 5- Laboratory policies and procedures Part B: Test Methods Section, Method C-07:2019

	Compound		Mat	erial		Limit	RL
	Compound	3	4	5	6	(mg/kg)	(mg/kg)
2	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	Not Detected	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

		Compound	Material				Limit	RL
1		Compound	41	53	54	55	(mg/kg)	(mg/kg)
	2	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	Not Detected	5
		Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound	Mat	erial	Limit	RL
	Compound	56	57	(mg/kg)	(mg/kg)
2	Mercury (Hg)	N.D.	N.D.	Not Detected	5
	Conclusion	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm

(b) RL: Report limit

(c) N.D.: Not detected (result is less than RL) (d) This item is not included in CNAS accreditation scope

a) This item is not included in CNAS accreditation scope

16. Soluble Migrated Elements

Canada Product safety reference manual Book 5- Laboratory policies and procedures Part B: Test Methods Section, Method C-03: 2018, determined by ICP-OES

	Commoned		Mat	erial		Limit	RL	
	Compound	3	4	5	6	(mg/kg)	(mg/kg)	
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	1000	5	
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	1000	2	
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5	
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	1000	5	

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 44 of 77

5	Selenium (Se) Conclusion	N.D. PASS	N.D. PASS	N.D. PASS	N.D. PASS	1000	5
5	Selenium (Se)		ND	ND		1000	5

	Compound		Mate	erial		Limit	RL
	Compound	41		53 54		(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	1000	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	1000	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	1000	5
5	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	1000	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	O a man a sum d	Mate	erial	Limit	RL (mg/kg)	
	Compound	56	57	(mg/kg)		
1	Antimony (Sb)	N.D.	N.D.	1000	5	
2	Arsenic (As)	N.D.	N.D.	1000	2	
3	Barium (Ba)	N.D.	25	1000	5	
4	Cadmium (Cd)	N.D.	N.D.	1000	5	
5	Selenium (Se) N.D.		N.D.	1000	5	
	Conclusion	PASS	PASS	-	-	

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm

(b) RL: Report limit

(c) N.D.: Not detected (result is less than RL)
 (d) This item is not included in CNAS accreditation scope

Phthalates - (DBP, BBP, DEHP, DNOP, DINP, DIDP) 17.

Canada health - Product Safety Reference Manual, Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section. Method C-34:2018, Solvent extract and determined by GC/MS, solvent extract and determined by GC/MS

	Compound		Material			L impit (0/)	DI (0/)	
Compound		9	10	11	18	Limit (%)	RL (%)	
1	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 45 of 77

2BBPCAS# 85-68-7N.D.N.D.N.D.N.D.0.13DEHPDiethylhexylphthalate CAS# 117-81-7N.D.N.D.N.D.N.D.0.14DNOPDi-n-octylphthalate CAS# 117-84-0N.D.N.D.N.D.N.D.0.15DINPDiisononylphthalate CAS# 28553-12-0N.D.N.D.N.D.N.D.0.16DIDPDiisodecylphthalate CAS# 26761-40-0N.D.N.D.N.D.N.D.0.1		Conclu	sion	PASS	PASS	PASS	PASS	-	-
2BBPCAS# 85-68-7N.D.N.D.N.D.N.D.0.13DEHPDiethylhexylphthalate CAS# 117-81-7N.D.N.D.N.D.N.D.0.14DNOPDi-n-octylphthalate CAS# 117-84-0N.D.N.D.N.D.N.D.0.15DINPDiisononylphthalate CAS# 28553-12-0N.D.N.D.N.D.N.D.0.16DIDPDiisodecylphthalate DiisodecylphthalateN.D.N.D.N.D.N.D.0.1	<u> </u>							0.1	0.000
2BBPCAS# 85-68-7N.D.N.D.N.D.N.D.0.13DEHPDiethylhexylphthalate CAS# 117-81-7N.D.N.D.N.D.N.D.0.14DNOPDi-n-octylphthalate CAS# 117-84-0N.D.N.D.N.D.N.D.0.15DINPDiisononylphthalate DiisononylphthalateN.D.N.D.N.D.N.D.0.1	6	פחוס		ND	ND	ND	ND	0.1	0.005
2 BBP CAS# 85-68-7 N.D. N.D. N.D. 0.1 3 DEHP Diethylhexylphthalate CAS# 117-81-7 N.D. N.D. N.D. N.D. 0.1 4 DNOP Di-n-octylphthalate N.D. N.D. N.D. N.D. 0.1	5	DINP		N.D.	N.D.	N.D.	N.D.	0.1	0.005
2 BBP CAS# 85-68-7 N.D. N.D. N.D. N.D. 0.1 3 DEHP Diethylhexylphthalate N.D. N.D. N.D. 0.1	4	DNOP		N.D.	N.D.	N.D.	N.D.	0.1	0.005
	3	DEHP		N.D.	N.D.	N.D.	N.D.	0.1	0.005
	2	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	0			Mat	erial			
	Con	npound	19	20	28	31	– Limit (%)	RL (%)
1	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DNOP	Di-n-octylphthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DINP	Diisononylphthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Diisodecylphthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclu	sion	PASS	PASS	PASS	PASS	-	-

	0			Mate	rial			BL (9/)
	Compound		36 40 43		43	44	– Limit (%)	RL (%)
1	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DNOP	Di-n-octylphthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DINP	Diisononylphthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Diisodecylphthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclu	sion	PASS	PASS	PASS	PASS	-	-

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 46 of 77

	0			Mat	erial			
	Con	npound	45	46	47	48	Limit (%)	RL (%)
1	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DNOP	Di-n-octylphthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DINP	Diisononylphthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Diisodecylphthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	Conclu	sion	PASS	PASS	PASS	PASS	-	-

	0			Mate	erial				
	Con	npound	49	50	51	58	Limit (%)	RL (%)	
1	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005	
2	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005	
3	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005	
4	DNOP	Di-n-octylphthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005	
5	DINP	Diisononylphthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005	
6	DIDP	Diisodecylphthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005	
	Conclu	sion	PASS	PASS	PASS	PASS	-	-	

Remark(s): (a) RL: Report limit (b) N.D.: Not detected (result is less than RL)

18. Mechanical and Physical Properties - Australian/New Zealand Standard on Safety of Toys AS/NZS ISO 8124.1:2019

Section	Testing Items	Assessment
4	Requirements	
4.1	Normal use	Pass

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 47 of 77

Section	Testing Items	Assessment
4.2	Reasonably foreseeable abuse	Pass
4.3	Material	Pass
4.4	Small parts	Pass
4.5	Shape, size, and strength of certain toys	Pass
4.6	Edges	Pass
4.7	Points	Pass
4.8	Projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	Pass
4.11	Cords and elastics	NA
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	NA
4.14	Springs	NA
4.15	Stability and overload requirements	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles.	NA
4.18	Projectile toys	NA
4.19	Rotors and propellers	NA
4.20	Aquatic toys	NA
4.21	Braking	NA
4.22	Toy bicycles	NA
4.23	Speed limitation of electrically driven ride-on toys	NA
4.24	Toys containing a heat source	NA
4.25	Liquid-filled toys	Pass
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates, toy inline skates and toy skateboards	NA

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 48 of 77

Section	Testing Items	Assessment			
4.28	Percussion caps	NA			
4.29	Acoustic requirements	NA			
4.30	Toy scooters	NA			
4.31	Magnets and magnetic components	NA			
В	B Safety-labeling guidelines and manufacturer's markings				
B.2	Safety-labeling guidelines	Pass			
B.3	Instructional literature	Pass			
/	Manufacturer's markings	Pass			
B.4	The name, trademark or mark of the manufacturer or the distributor	Pass			
	The address of the manufacturer or the distributor	Pass			

Remark(s): NA = Not Applicable

NR = Not requested by the client

19. Flammability Properties - Australian/New Zealand Standard on Safety of Toys AS/NZS 8124.2:2016

Section	Testing Items	Assessment
4.1	General requirement	Pass
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in a play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys (animals and dolls, etc.) with a piled or textile surface	NA

Note: NA = Not Applicable.



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 49 of 77

20. Soluble elements Content- Australian/New Zealand Standard on Safety of Toys AS/NZS ISO 8124.3:2021,determined by ICP

Compound		Material				RL
Compound	1	2	3	4	(mg/kg)	(mg/kg)
Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
Barium (Ba)	14	N.D.	N.D.	N.D.	1000	5
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
Conclusion	PASS	PASS	PASS	PASS	-	-
	Arsenic (As)Barium (Ba)Cadmium (Cd)Chromium (Cr)Lead (Pb)Mercury (Hg)Selenium (Se)	1Antimony (Sb)N.D.Arsenic (As)N.D.Barium (Ba)14Cadmium (Cd)N.D.Chromium (Cr)N.D.Lead (Pb)N.D.Mercury (Hg)N.D.Selenium (Se)N.D.	Compound12Antimony (Sb)N.D.N.D.Arsenic (As)N.D.N.D.Arsenic (As)14N.D.Barium (Ba)14N.D.Cadmium (Cd)N.D.N.D.Chromium (Cr)N.D.N.D.Lead (Pb)N.D.N.D.Mercury (Hg)N.D.N.D.Selenium (Se)N.D.N.D.	Compound123Antimony (Sb)N.D.N.D.N.D.Arsenic (As)N.D.N.D.N.D.Barium (Ba)14N.D.N.D.Cadmium (Cd)N.D.N.D.N.D.Chromium (Cr)N.D.N.D.N.D.Lead (Pb)N.D.N.D.N.D.Mercury (Hg)N.D.N.D.N.D.Selenium (Se)N.D.N.D.N.D.	Compound1234Antimony (Sb)N.D.N.D.N.D.N.D.Arsenic (As)N.D.N.D.N.D.N.D.Barium (Ba)14N.D.N.D.N.D.Cadmium (Cd)N.D.N.D.N.D.N.D.Chromium (Cr)N.D.N.D.N.D.N.D.Lead (Pb)N.D.N.D.N.D.N.D.Mercury (Hg)N.D.N.D.N.D.N.D.Selenium (Se)N.D.N.D.N.D.N.D.	Compound 1 2 3 4 (mg/kg) Antimony (Sb) N.D. N.D. N.D. N.D. 60 Arsenic (As) N.D. N.D. N.D. N.D. 25 Barium (Ba) 14 N.D. N.D. N.D. 1000 Cadmium (Cd) N.D. N.D. N.D. 75 Chromium (Cr) N.D. N.D. N.D. 60 Lead (Pb) N.D. N.D. N.D. 90 Mercury (Hg) N.D. N.D. N.D. 60 Selenium (Se) N.D. N.D. N.D. 500

	Compound		Mat	erial		Limit	RL
	Compound	5	6	9	10	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

		Compound	Material				Limit	RL
		Compound	11	18	19	20	(mg/kg)	(mg/kg)
	1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 50 of 77

		(
Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
Conclusion	PASS	PASS	PASS	PASS	-	-
	Barium (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se)	Barium (Ba)N.D.Cadmium (Cd)N.D.Chromium (Cr)N.D.Lead (Pb)N.D.Mercury (Hg)N.D.Selenium (Se)N.D.	Barium (Ba)N.D.N.D.Cadmium (Cd)N.D.N.D.Chromium (Cr)N.D.N.D.Lead (Pb)N.D.N.D.Mercury (Hg)N.D.N.D.Selenium (Se)N.D.N.D.	Barium (Ba)N.D.N.D.N.D.Cadmium (Cd)N.D.N.D.N.D.Chromium (Cr)N.D.N.D.N.D.Lead (Pb)N.D.N.D.N.D.Mercury (Hg)N.D.N.D.N.D.Selenium (Se)N.D.N.D.N.D.	Barium (Ba)N.D.N.D.N.D.N.D.Cadmium (Cd)N.D.N.D.N.D.N.D.N.D.Chromium (Cr)N.D.N.D.N.D.N.D.N.D.Lead (Pb)N.D.N.D.N.D.N.D.N.D.Mercury (Hg)N.D.N.D.N.D.N.D.N.D.Selenium (Se)N.D.N.D.N.D.N.D.N.D.	Barium (Ba) N.D. N.D. N.D. N.D. 1000 Cadmium (Cd) N.D. N.D. N.D. N.D. 75 Chromium (Cr) N.D. N.D. N.D. N.D. 60 Lead (Pb) N.D. N.D. N.D. 90 Mercury (Hg) N.D. N.D. N.D. 60 Selenium (Se) N.D. N.D. N.D. 500

	Compound		Mat	erial		Limit	RL
	Compound	28	31	36	40	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	Material					
	Compound	41	43	44	45	(mg/kg)	(mg/kg)		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5		
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2		
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5		
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5		
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5		

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 51 of 77

6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	O a man a sum d		Mat	erial		Limit (mg/kg)	RL (mg/kg)
	Compound	46	47	48	49		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL
	Compound	50	51	53	54	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 52 of 77

			Mat	terial		Limit	RL
	Compound	55	56	57	58	(mg/kg)	(mg/kg)
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	N.D.	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	500	5
	Conclusion	PASS	PASS	PASS	PASS	-	-

21. Phthalates content- As Client's Requirement Refer To CPSC-CH-C1001-09.4, determined by GC-MS

	0			Mat	Client's					
	Comp	ouna	2	3	4	5	Limit (%)	RL (%)		
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005		
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich	N.D.	N.D.	N.D.	N.D.	0.1	0.005		

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 53 of 77

(CAS# 71888-89-6		13)			
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	N-pentyl- isopentylphthalate O-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	•			Mat	erial		Client's	
	Com	ipound -	6	9	10	11	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 54 of 77

14	PIPP	P-pentyl- isopentylphthalate Q-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15		1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	0			Mat	erial		Client's Limit (%)	RL (%)
	Comp	oouna	12	13	14	15		
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	R-pentyl- isopentylphthalate S-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 55 of 77

	0			Mat	erial		Client's	
	Comp	ouna	16	17	18	19	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	T-pentyl- isopentylphthalate U-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

Compound			Mat	erial		Client's	DI (9/)	
	0	mpound	20	22	23	24	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 56 of 77

2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	V-pentyl- isopentylphthalate W-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	Com			Ma	terial		Client's	
	Comp	ound	25	26	27	28	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 57 of 77

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6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	X-pentyl- isopentylphthalate Y-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	0			Mat	erial		Client's	
	Cor	npound	29	30	31	32	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 58 of 77

10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	Z-pentyl- isopentylphthalate AA-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	0			Mat	erial		Client's	
	Comp	oound	33	35	36	37	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 59 of 77

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13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	AB-pentyl- isopentylphthalate AC-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	C	aund		Mat	erial		Client's	
	Com	oound	38	40	41	42	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	AD-pentyl- isopentylphthalate AE-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 60 of 77

17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
C	$\mathbf{\mathcal{O}}$							
	Comp	ound		Mat	erial		Client's	51 /0/
	Comp	ound	43	44	45	46	Limit (%)	RL (%
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.00
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.00
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.00
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	AF-pentyl- isopentylphthalate AG-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.00
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.00
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 61 of 77

					2			
	Com	pound		Mat	erial		Client's	RL (%)
	Com	pound	47	48	49	50	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	AH-pentyl- isopentylphthalate AI-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	_	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	0			Mate	Client's			
	Compound		51	53	54	55	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 62 of 77

3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	AJ-pentyl- isopentylphthalate AK-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	0			Mat	Client's			
	Compound		56	57	58	59	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 63 of 77

7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	AL-pentyl- isopentylphthalate AM-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	0			Material				
	Comp	ouna	60	61	62	63	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 64 of 77

DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
PIPP	AN-pentyl- isopentylphthalate AO-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005
-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
	DMEP DIPP PIPP - DHP	DHNUPacid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4DMEPDimethoxyethyl phthalate CAS# 117-82-8DIPPDi-isopentyl phthalate CAS# 605-50-5PIPPAN-pentyl- isopentylphthalate AO-CAS# 776297-69-9-1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0DHPDi-n-hexyl phthalate CAS# 84-75-3DNHPDi-n-hexyl phthalate CAS# 94-75-3	DHNUPacid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4N.D.DMEPDimethoxyethyl phthalate CAS# 117-82-8N.D.DIPPDi-isopentyl phthalate CAS# 605-50-5N.D.PIPPAN-pentyl- isopentylphthalate AO-CAS# 776297-69-9N.D1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.	DHNUPacid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4N.D.N.D.DMEPDimethoxyethyl phthalate CAS# 117-82-8N.D.N.D.DIPPDi-isopentyl phthalate CAS# 605-50-5N.D.N.D.PIPPAN-pentyl- isopentyl phthalate AO-CAS# 776297-69-9N.D.N.D1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0N.D.N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.	DHNUPacid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4N.D.N.D.N.D.DMEPDimethoxyethyl phthalate CAS# 117-82-8N.D.N.D.N.D.N.D.DIPPDi-isopentyl phthalate CAS# 605-50-5N.D.N.D.N.D.N.D.PIPPAN-pentyl- isopentyl phthalate AO-CAS# 776297-69-9N.D.N.D.N.D.N.D1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0N.D.N.D.N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.N.D.	DHNUPacid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4N.D.N.D.N.D.N.D.DMEPDimethoxyethyl phthalate CAS# 117-82-8N.D.N.D.N.D.N.D.N.D.DIPPDi-isopentyl phthalate CAS# 605-50-5N.D.N.D.N.D.N.D.N.D.PIPPAN-pentyl- isopentyl phthalate AO-CAS# 776297-69-9N.D.N.D.N.D.N.D1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0N.D.N.D.N.D.N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.N.D.N.D.DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.N.D.N.D.	DHNUPacid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4N.D.N.D.N.D.N.D.N.D.0.1DMEPDimethoxyethyl phthalate CAS# 117-82-8N.D.N.D.N.D.N.D.N.D.0.1DIPPDi-isopentyl phthalate CAS# 605-50-5N.D.N.D.N.D.N.D.0.1PIPPDi-isopentyl phthalate CAS# 605-50-5N.D.N.D.N.D.N.D.0.1PIPPDi-isopentyl phthalate CAS# 776297-69-9N.D.N.D.N.D.N.D.0.1-1.2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0N.D.N.D.N.D.N.D.0.1DHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.N.D.N.D.0.1DNHPDi-n-hexyl phthalate CAS# 84-75-3N.D.N.D.N.D.N.D.0.1

	Comp	ound		Mat	erial		Client's	
	Comp	ound	64	65	66	67	Limit (%)	RL (%)
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	AP-pentyl- isopentylphthalate AQ-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	0.1	0.005

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 65 of 77

15		1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	0.1	0.005

	Com	pound	Material	Client's	RL (%)
			68	Limit (%)	
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	0.1	0.005
4	DINP	Di-isononyl phthalate CAS# 68515-48-0	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	0.1	0.005
6	DIDP	Di-isodecyl phthalate CAS# 26761-40-0	N.D.	0.1	0.005
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8- branchedalkyl esters,C7- rich CAS# 71888-89-6	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	0.1	0.005
14	PIPP	AR-pentyl- isopentylphthalate AS-CAS# 776297-69-9	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	0.1	0.005

Remark(s): (a) RL: Report limit

(b) N.D.: Not detected (result is less than RL



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 66 of 77

(c) This item is not included in CNAS accreditation scope

22. Lead Content (Pb) - 16 CFR 1303 CPSC-CH-E1003-09.1(Surface Coating), determined by AAS

	Commoniad		Mat	erial		Limit	RL
	Compound	3	4	5	6	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Compound		Mat	erial		Limit	RL
	Compound	41	53	54	55	(mg/kg)	(mg/kg)
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	PASS	PASS	-	-

	Commound	Mat	Limit	RL	
	Compound	56	(ma/ka		(mg/kg)
1	Lead (Pb)	N.D.	N.D.	90	10
	Conclusion	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram (b) RL: Report limit (c) N.D.: Not detected (result is less than RL)

Material List:

Material #	Position / Sample Description	
1	Brown wood, holder*	
2	Brown plywood, holder*	
3	Transparent coating, holder*	

Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 67 of 77

4	Red coating, board*
5	Dark blue coating, board*
6	Dark green coating, board*
7	Silvery metal, screw*
8	Silvery metal, hex screw*
9	Translucent soft plastic, cushion*
10	Black printed silvery plastic plastic*
11	Transparent plastic plate*
12	White coating, holder*
13	Blue coating, holder*
14	White foam, holder*
15	White plastic plate*
16	Transparent plastic plate*
17	Translucent soft plastic, wire holder*
18	Black soft plastic, wire cover*
19	Black soft plastic, connector holder*
20	Red soft plastic, washer*
21	Coppery metal, pin*
22	White printed black soft plastic, heat shrink tubing*
23	Red soft plastic, wire jacket*
24	Blue soft plastic, wire jacket*
25	Yellow soft plastic, wire jacket*
26	Green soft plastic, wire jacket*
27	Black printed white soft plastic, wire jacket*
28	White printed black soft plastic, thin wire cover*
29	Black soft plastic, connector holder*

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 68 of 77

30	White plastic, shell*
31	Black plastic, shell*
32	Red soft plastic, wire jacket*
33	Black soft plastic, wire jacket*
34	Silvery metal, pin*
35	Green PCB*
36	Black soft plastic, wire cover*
37	Blue soft plastic, wire jacket*
38	Brown soft plastic, wire jacket*
39	Silvery metal, contact plate*
40	Laminate multi-color printed plastic sticker, remote control*
41	White coating, remote control*
42	Laminate multi-color printed white sticker (adapter) *
43	Translucent red plastic, ball*
44	Translucent blue plastic, ball*
45	Translucent yellow plastic, ball*
46	Transparent plastic, dish*
47	Laminate multi-color printed white paper, specification*
48	Translucent green plastic, cylinder*
49	Translucent purple plastic, cylinder*
50	Translucent orange plastic, cylinder*
51	Transparent plastic, basin*
52	Silvery metal, screw*
53	Light yellow coating, block*
54	Orange coating, block*
55	Light green coating, block*

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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 69 of 77

56	Light blue coating, block*
57	Purple coating, block*
58	Transparent soft plastic, shell*
59	Green liquid, letter*
60	Green liquid, letter*
61	Green liquid, letter*
62	Green liquid, letter*
63	Green liquid, letter*
64	Green liquid, letter*
65	White printed black plastic, cover*
66	Green printed green plastic, cover*
67	Yellow plastic sticker*
68	White dry glue*

备注:

(a)*=the test date was copies from STSGZ2106032006.



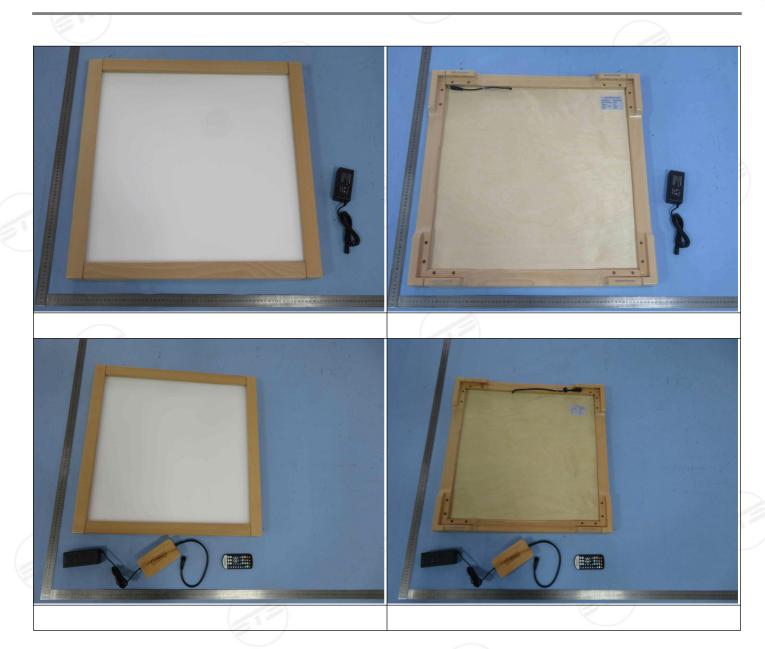
Report No.: STSGZ2112023015E

Date: 10-Mar-2022

TEST REPORT

Page 70 of 77

Photo(s):



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 71 of 77

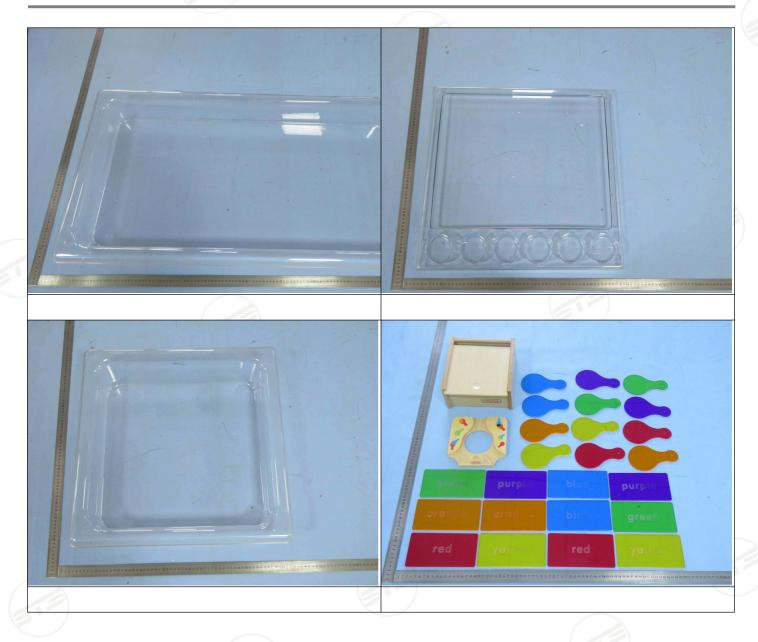


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Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 72 of 77



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 73 of 77



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 74 of 77



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 75 of 77



Report No.: STSGZ2112023015E

Date: 10-Mar-2022

Page 76 of 77



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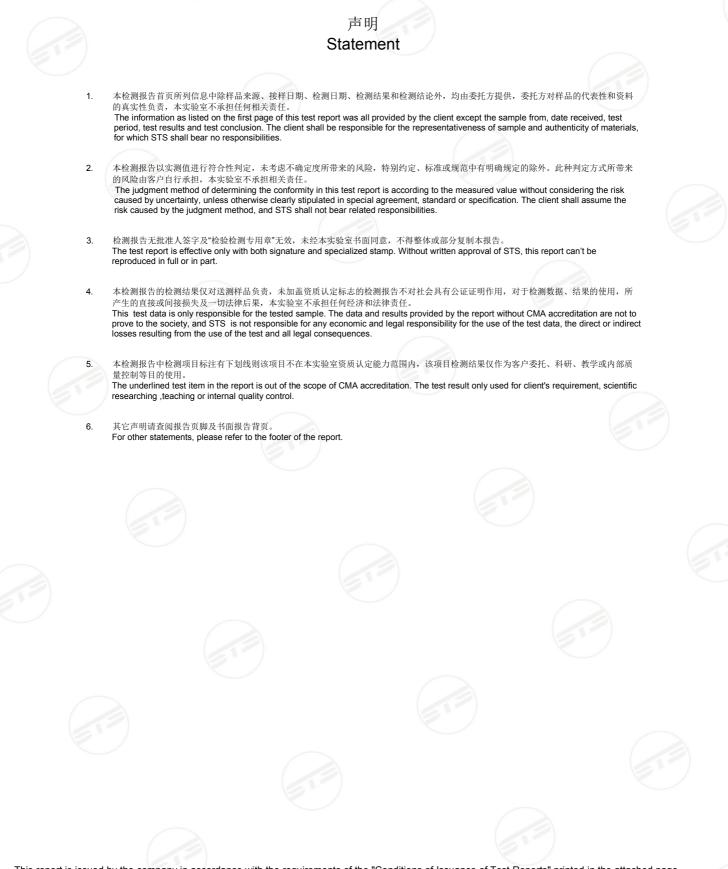
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Date: 10-Mar-2022

Page 77 of 77



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