

TEST REPORT

APPLICANT : SHENZHEN AOJ MEDICAL TECHNOLOGY CO.,LTD.

ADDRESS : RM 301&4F,BLOCK A, BUILDING A,JINGFA INTELLIGENT
MANUFACTURING PARK, XIAWEIYUAN
518126, SHENZHEN CITY, 190, CN

SAMPLE DESCRIPTION : No-Itch, Nail Trimmer, Nasal Aspirator

BUYER : Melii Baby Inc.

AGE REQUESTED ON APPLICATION FORM : A,C:0+ B:3+

LABELED AGE GRADE : A,C:0+ B:3+

AGE GRADE APPLIED IN TESTING : A,C:0+ B:3+

SAMPLE RECEIVED DATE : 04-Dec-2023

SAMPLE RESUBMISSION DATE : 15-Jan-2024

TURN AROUND TIME : 04-Dec-2023 to 02-Feb-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Phthalates Content	US California Proposition 65	Pass
Phthalates Content	US CPSIA, Section 108	Pass
Phthalates Content	Washington Children's Safe Products Act, Chapter 70A.430 RCW	Pass
Phthalate Regulations	SOR/2016-188, Phthalate Regulations	Pass
Phthalates Content	REACH Annex XVII, Entry 51 & 52	Pass
Total Cadmium Content	US California Proposition 65	Pass
Total Cadmium Content	REACH Annex XVII, Entry 23	Pass
Total Lead Content	US California Proposition 65	Pass
Total Lead Content	REACH Annex XVII, Entry 63	Pass
Total Lead Content in Substrate	US CPSIA, Section 101	Pass
Total Lead Content in Paint / Surface Coating	US CPSIA, Section 101	Pass
Total Lead Content	US 16 CFR 1303	Pass
Lead Content	SOR/2018-83, Consumer Products Containing Lead Regulations	Pass
Total Lead and Mercury in Surface Coating	SOR/2016-193, Surface Coating Materials Regulations	Pass
Flammability Test	16 CFR 1500.3(c)(6)(vi)	Pass
Tetrabromobisphenol-A (TBBPA) from SH07W	Washington Children's Safe Products Act, Chapter 70A.430 RCW	Pass
Total Bisphenol A (BPA) Content	EPA 3550C:2007, EPA 8321B:2007	See Test Result
Mercury Content in Batteries	Mercury-Containing and Rechargeable Battery Management Act, US Public Law 104-142(1996)	Pass
Packaging and Packaging Waste	Directive 94/62/EC	Pass
Heavy Metal Content in Batteries	Regulation (EU) 2023/1542	Pass
TPCH - Heavy Metal Content	Directive 94/62/EC	Pass

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Hangzhou) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. Unless otherwise stated from the customer, regulation or the standard specification, Eurofins will consider the measurement uncertainty as calculated by our laboratory and apply according to ILAC G8:09/2019-(binary acceptance base on guard band). If you happen to have any comments, please do it by sending email to info.hz@cpt.eurofinscn.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Hangzhou) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint.hz@cpt.eurofinscn.com and referring to this report number.

Eurofins (Hangzhou) contact information**Customer service:** Connie.Zhang@cpt.eurofinscn.com/ +86 571 87203730**Sales specialist:** Sammy.Dong@cpt.eurofinscn.com/ +86 18767163680

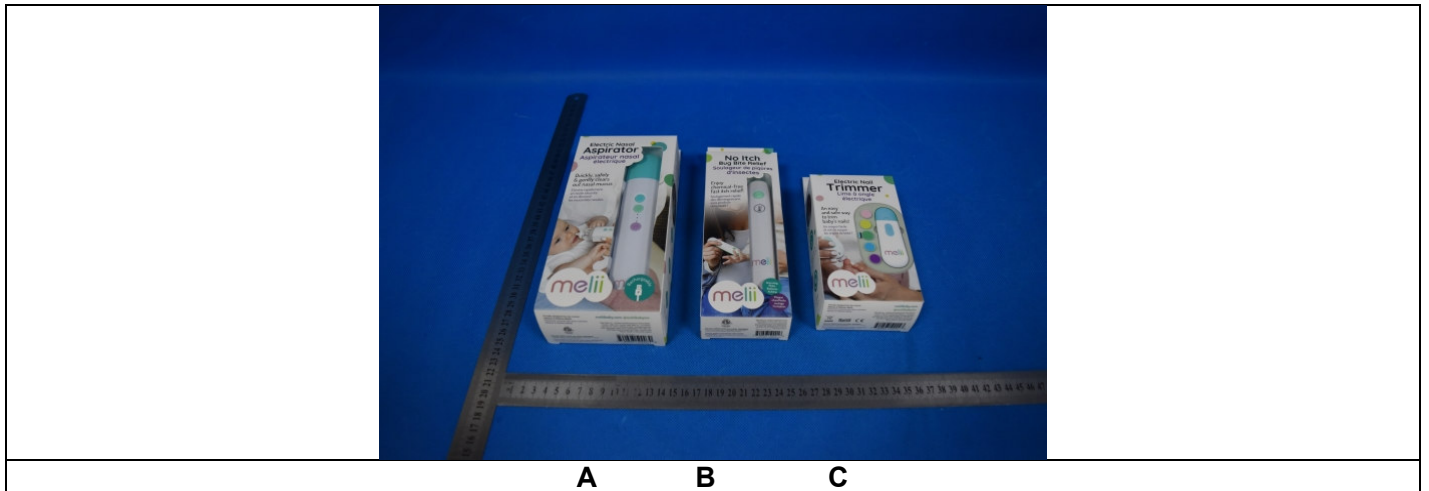
***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Hangzhou) Co., Ltd

Sara Liu

Sara Liu
Quality Manager

SAMPLE PHOTO(S)



EFHZ23121645-CG-01

TO BE CONTINUED

COMPONENT LIST

Component No.	Component	Sample No.
1	Colorful coating with plastic(logo)	A,B,C
2	Grey coating with plastic	A,B,C
3	Transparent plastic lid	C
4	Grey plastic box	C
5	Grey soft plastic tray	C
6	Purple plastic	C
7	Pink plastic	C
8	Yellow green plastic	C
9	Green plastic	A,B,C
10	White plastic body	A,B,C
11	White soft plastic	A
12	Transparent plastic light	C
13	White plastic plug(USB)	A
14	White plastic tongue (USB)	A
15	Black plastic tongue(USB)	A
16	Transparent plastic	A
17	Transparent soft plastic ring	A
18	Semi-transparent plastic	A
19	Light purple plastic button	A
20	Green soft plastic cover	A
21	White plastic round sheet	B
22	Blue plastic body	A,B,C
23	White soft plastic wire sheath with black printing	A
24	White foam with adhesive	C
25	Purple sandpaper	C
26	Blue sandpaper	C
27	Green sandpaper	C
28	Yellow green sandpaper	C
29	Pink sandpaper	C
30	Silver metal spring	C
31	Silver metal sheet	B,C
32	Silver metal pin (USB)	A
33	Battery	B,C
34	White paper with multicolor coating(small card) (packaging)	A,B,C
35	White paper with black/white coating(instruction) (packaging)	A,B,C
36	White soft plastic bag (packaging)	C
37	Multicolor printed paper box with transparent plastic film(packaging)	A,B,C
38	Transparent plastic sheet (packaging)	A,B
39	White plastic tray (packaging)	A,B
40	White soft plastic fastener (packaging)	A
41	Silver metal wire (fastener) (packaging)	A

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Phthalates Content as specified in US California Proposition 65

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1+2	3+4+5	6+7+8	9+10+11
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND
Phthalic acid, bis-hexyl ester (DnHP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					12+13+14	15+16+17	18+19+20	21+22
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND
Phthalic acid, bis-hexyl ester (DnHP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Test Item(s)	CAS No.	Unit	Limit	MDL	Result
					23
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.005	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.005	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.005	ND
Phthalic acid, bis-hexyl ester (DnHP)	84-75-3	%	0.1	0.005	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

The limit(s) was/were referred from various court cases.

Compliance with the above stated limit(s) does not show compliance with Proposition 65 or a guarantee against possible legal action but provides a relative level of assurance against potential lawsuits.

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Phthalates Content as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 108

Test Method: CPSC-CH-C1001-09.4

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1+2	9+10+11	13+14	15+16+17
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.0050	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.0050	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.0050	ND	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	0.1	0.0050	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.0050	ND	ND	ND	ND
Diisodecylphthalate (DIDP)	26761-40-0	%	0.1	0.0050	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result		
					18+19+20	21+22	23
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.0050	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.0050	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.0050	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	0.1	0.0050	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.0050	ND	ND	ND
Diisodecylphthalate (DIDP)	26761-40-0	%	0.1	0.0050	ND	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

1 mg/kg = 1 ppm = 0.0001%

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Prohibition on the manufacturing and sale of children's products containing phthalates as specified in Children's Safe Products Act, Revised Code of Washington (RCW), Chapter 70A.430, section 70A.430.010 and 70A.430.020

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1+2	9+10+11	15+16+17	18+19+20
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND
Sum of Phthalates*	-	%	0.1	-	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result	
					21+22	23
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND
Sum of Phthalates*	-	%	0.1	-	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Phthalate Regulations

Test Request: Phthalates Content as specified in Canada Consumer Product Safety Act - Phthalate Regulations, SOR/2016-188.

Test Method: With reference to Product Safety Laboratory, Reference Manual, Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C34.2-2018, analysis is performed by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1+2	3+4+5	6+7+8	9+10+11
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.1	0.0050	ND	ND	ND	ND
Di-n-butyl phthalate (DBP)	84-74-2	%	0.1	0.0050	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.0050	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.0050	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.0050	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.1	0.0050	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					12+13+14	15+16+17	18+19+20	21+22
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.1	0.0050	ND	ND	ND	ND
Di-n-butyl phthalate (DBP)	84-74-2	%	0.1	0.0050	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.0050	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.0050	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.0050	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.1	0.0050	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Test Item(s)	CAS No.	Unit	Limit	MDL	Result	
					23	24
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.1	0.0050	ND	ND
Di-n-butyl phthalate (DBP)	84-74-2	%	0.1	0.0050	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.1	0.0050	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	0.1	0.0050	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.1	0.0050	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.1	0.0050	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

DEHP, DBP and BBP are restricted for the vinyl in a toy or child care article.

DINP, DIDP and DNOP are restricted for the vinyl in any part of a toy or child care article that can, in a reasonably foreseeable manner, be placed in the mouth of a child under four years of age.

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Phthalates content as specified in entry 51&52 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Commission Regulation (EU) 2018/2005.

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1+2	3+4+5	6+7+8	9+10+11
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND
Di-isobutyl phthalate (DiBP)	84-69-5	%	-	0.005	ND	ND	ND	ND
Sum of (DEHP+DBP+BBP+DiBP)	-	%	0.1	-	ND	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					12+13+14	15+16+17	18+19+20	21+22
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND
Di-isobutyl phthalate (DiBP)	84-69-5	%	-	0.005	ND	ND	ND	ND
Sum of (DEHP+DBP+BBP+DiBP)	-	%	0.1	-	ND	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Test Item(s)	CAS No.	Unit	Limit	MDL	Result	
					23	24
Dibutylphthalate (DBP)	84-74-2	%	-	0.005	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	-	0.005	ND	ND
Di-isobutyl phthalate (DIBP)	84-69-5	%	-	0.005	ND	ND
Sum of (DEHP+DBP+BBP+DIBP)	-	%	0.1	-	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	-	0.005	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND
Sum (DNOP + DINP + DIDP)	-	%	0.1	-	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

1 mg/kg = 1 ppm = 0.0001%

MDL = method detection limit

ND = Not detected, less than MDL

“- “ = Not Regulated

TO BE CONTINUED

TEST RESULT

Total Cadmium Content

Test Request: Total cadmium content as specified in US California Proposition 65

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996

Acid digestion/ microwave digestion method was used and total cadmium content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3+4+5	6+7+8
Total Cadmium	mg/kg	100	5	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				9+10+11	12+13+14	15+16+17	18+19+20
Total Cadmium	mg/kg	100	5	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				21+22	23	24	25+26+27
Total Cadmium	mg/kg	100	5	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				28+29	30+31+32
Total Cadmium	mg/kg	100	5	ND	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

The limit(s) was/were referred from various court cases. Compliance with the above stated limit(s) does not show compliance with Proposition 65 or a guarantee against possible legal action but provides a relative level of assurance against potential lawsuits.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Cadmium Content

Test Request: Total cadmium content as specified in Commission Regulation (EU) 2016/217 amending entry 23 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EPA 3050B:1996, EPA 3052:1996, EN 1122:2001 Method B, acid digestion method was used and total cadmium content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Cadmium	mg/kg	1000	5	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				3+4+5	6+7+8
Total Cadmium	mg/kg	100	5	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				9+10+11	12+13+14	15+16+17	18+19+20
Total Cadmium	mg/kg	100	5	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result		
				21+22	23	24
Total Cadmium	mg/kg	100	5	ND	ND	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Lead Content

Test Request: Total lead content as specified in US California Proposition 65

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996
 Acid digestion/ microwave digestion method was used and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Lead	mg/kg	90	10	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				3+4+5	6+7+8
Total Lead	mg/kg	100	10	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				9+10+11	12+13+14	15+16+17	18+19+20
Total Lead	mg/kg	100	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				21+22	23	24	25+26+27
Total Lead	mg/kg	100	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				28+29	30+31+32
Total Lead	mg/kg	100	10	ND	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

The limit(s) was/were referred from various court cases. Compliance with the above stated limit(s) does not show compliance with Proposition 65 or a guarantee against possible legal action but provides a relative level of assurance against potential lawsuits.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Lead Content

Test Request: Total lead content as specified in entry 63 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 2015/628.

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996
 Acid digestion/ microwave digestion method was used and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3+4+5	6+7+8
Total Lead	mg/kg	500	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				9+10+11	12+13+14	15+16+17	18+19+20
Total Lead	mg/kg	500	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				21+22	23	24	25+26+27
Total Lead	mg/kg	500	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				28+29	30+31+32
Total Lead	mg/kg	500	10	ND	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Lead Content in Substrate

Test Request: Total lead in substrate as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3
The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				3+4+5	6+7+8	9+10+11	12+13+14
Total Lead(Pb)	mg/kg	100	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				15+16+17	18+19+20	21+22	23
Total Lead(Pb)	mg/kg	100	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				24	25+26+27	28+29	30+31+32
Total Lead(Pb)	mg/kg	100	10	ND	ND	ND	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Lead Content in Paint / Surface Coating

Test Request: Total lead in paint/ similar surface coatings as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1003-09.1

The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Lead (Pb)	mg/kg	90	10	ND	ND

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Lead Content

Test Request: Total lead content as specified in US 16 CFR 1303

Test Method: CPSC-CH-E1003-09.1

The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Lead (Pb)	mg/kg	90	10	ND	ND

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Lead Content

Test Request: Lead content as specified in Canada Consumer Product Safety Act - Consumer Products Containing Lead Regulations, SOR/2018-83.

Test Method: With reference to Product Safety Laboratory, Reference Manual, Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.2-2020, Method C02.3.2-2021, Method C02.4.1-2019, Method C08-2014

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	9+10+11	13+14
Total Lead Content	mg/kg	90	10	ND	ND	ND	ND
Released Lead	mg/kg	90	5	NA	NA	NA	NA

Test Item(s)	Unit	Limit	MDL	Result			
				15+16+17	18+19+20	21+22	23
Total Lead Content	mg/kg	90	10	ND	ND	ND	ND
Released Lead	mg/kg	90	5	NA	NA	NA	NA

Test Item(s)	Unit	Limit	MDL	Result			
				24	25+26+27	28+29	30+31+32
Total Lead Content	mg/kg	90	10	ND	ND	ND	ND
Released Lead	mg/kg	90	5	NA	NA	NA	NA

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

NA = Not Applicable

Exception:

Each accessible part may contain more than 90 mg/kg of lead if

- a) lead is necessary to produce an essential characteristic of the part;
- b) no alternative part containing less lead is available; and
- c) the part, when tested in accordance with good laboratory practices, does not release more than 90 mg/kg of lead.

TO BE CONTINUED

TEST RESULT

Total Lead and Mercury in Surface Coating

Test Request: Total lead and mercury in surface coatings as specified in Canada Consumer Product Safety Act, Surface Coating Materials Regulations, SOR/2016-193

Test Method: With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.1-2021, Method C07-2019(modified)

Test Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Mercury	mg/kg	10	1	ND	ND
Total Lead	mg/kg	90	10	ND	ND

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Flammability Test

Test Request: As per U.S. code of federal regulations title 16 CFR 1500.3(c)(6)(vi) for flammable solid, tested by the method described in 16 CFR 1500.44.

Sample	Limit	Result
A	0.1 inch/second	IBE
B	0.1 inch/second	IBE
C	0.1 inch/second	IBE

Remark:

IBE = Ignite But Self - Extinguished

TO BE CONTINUED

TEST RESULT

Tetrabromobisphenol-A (TBBPA)

Test Request: Prohibition on the manufacturing and sale of children's products and residential upholstered furniture containing flame retardant as specified in Children's Safe Products Act Law, section 70.240.010 and 70.240.025, Revised Code of Washington.

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1+2	3+4+5	6+7+8	9+10+11
Tetrabromobisphenol-A (TBBPA)	79-94-7	mg/kg	1000	5	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					12+13+14	15+16+17	18+19+20	21+22
Tetrabromobisphenol-A (TBBPA)	79-94-7	mg/kg	1000	5	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result	
					23	24
Tetrabromobisphenol-A (TBBPA)	79-94-7	mg/kg	1000	5	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Bisphenol A (BPA) Content

Test Method: With reference to EPA 3550C:2007, EPA 8321B:2007, solvent extraction and determination by LC-MS.

Test Item(s)	CAS No.	Unit	MDL	Result			
				1	2	3	4
Bisphenol A	80-05-7	mg/kg	0.1	ND	ND	46.43	ND

Test Item(s)	CAS No.	Unit	MDL	Result			
				5	6	7	8
Bisphenol A	80-05-7	mg/kg	0.1	ND	103.60	0.24	ND

Test Item(s)	CAS No.	Unit	MDL	Result			
				9	10	11	12
Bisphenol A	80-05-7	mg/kg	0.1	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	MDL	Result			
				13	14	15	16
Bisphenol A	80-05-7	mg/kg	0.1	ND	10.51	0.90	80.14

Test Item(s)	CAS No.	Unit	MDL	Result			
				17	18	19	20
Bisphenol A	80-05-7	mg/kg	0.1	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	MDL	Result			
				21	22	23	24
Bisphenol A	80-05-7	mg/kg	0.1	0.27	ND	ND	ND

Remarks:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Mercury Content in Batteries

Test Request: Mercury-Containing and Rechargeable Battery Management Act, US Public Law 104-142(1996)

Test Method: Acid digestion method, analysis was determined by ICP-OES

Test Item(s)	Unit	Limit	MDL	Result
				33
Total Mercury(Alkaline-manganese battery)	mg/kg	Not Detected	1	ND

Remark:

MDL = method detection limit

ND = not detected, less than MDL.

mg/kg = milligram per kilogram

(1) According to Mercury-Containing and Rechargeable Battery Management Act, US Public Law No.104-142(1996) SEC 203 alkaline-manganese battery should not contain mercury that was intentionally introduced.

TO BE CONTINUED

TEST RESULT

Packaging and Packaging Waste

Test Request: Total Lead, Cadmium, Mercury and Chromium VI content as specified in Directive 94/62/EC and its amendment Directive (EU) 2015/720

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996
 Acid digestion/ microwave digestion method was used, analysis of total Lead, Cadmium, Mercury and Chromium was performed by ICP-OES. Chromium VI determination was performed by UV-Vis Spectrophotometer.

Test Item(s)	Unit	Limit	MDL	Result			
				34	35	37	38
Total Lead	mg/kg	-	10	ND	ND	ND	ND
Total Cadmium	mg/kg	-	5	ND	ND	ND	ND
Mercury (Hg)	mg/kg	-	5	ND	ND	ND	ND
Chromium (VI)	mg/kg	-	5	ND	ND	ND	ND
Total (Pb+Cd+Hg+Cr VI)	mg/kg	100	-	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result		
				39	40	41
Total Lead	mg/kg	-	10	ND	ND	ND
Total Cadmium	mg/kg	-	5	ND	ND	ND
Mercury (Hg)	mg/kg	-	5	ND	ND	ND
Chromium (VI)	mg/kg	-	5	ND	ND	ND
Total (Pb+Cd+Hg+Cr VI)	mg/kg	100	-	ND	ND	ND

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

“- “ = Not Regulated

TO BE CONTINUED

TEST RESULT

Heavy Metal Content in Batteries

Test Request: Heavy Metal Content in Batteries as specified in Regulation (EU) 2023/1542.

Test Method: Acid digestion method, analysis was performed by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result
				33
Total Cadmium	%	0.002	0.001	ND
Total Lead	%	-	0.001	ND
Total Mercury	%	0.0005	0.0001	ND

Remark:

1. From 18 August 2024, portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.
2. The restriction set out in point 1 shall not apply to portable zinc-air button cells until 18 August 2028.
3. Results shown are of total weight of the battery sample.

MDL = method detection limit

ND = Not detected, less than MDL

“-” = Not Regulated

TO BE CONTINUED

TEST RESULT

TPCH - Heavy Metal Content

Test Request: Total Lead, Cadmium, Mercury and Chromium VI content as specified in TPCH legislation.

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996
 Acid digestion/ microwave digestion method was used, analysis of total Lead, Cadmium, Mercury and Chromium was performed by ICP-OES. Chromium VI determination was performed by UV-Vis Spectrophotometer.

Test Item(s)	Unit	Limit	MDL	Result			
				34	35	36	37
Total Lead	mg/kg	-	10	ND	ND	ND	ND
Total Cadmium	mg/kg	-	5	ND	ND	ND	ND
Mercury (Hg)	mg/kg	-	5	ND	ND	ND	ND
Chromium (VI)	mg/kg	-	5	ND	ND	ND	ND
Total (Pb+Cd+Hg+Cr VI)	mg/kg	100	-	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				38	39	40	41
Total Lead	mg/kg	-	10	ND	ND	ND	ND
Total Cadmium	mg/kg	-	5	ND	ND	ND	ND
Mercury (Hg)	mg/kg	-	5	ND	ND	ND	ND
Chromium (VI)	mg/kg	-	5	ND	ND	ND	ND
Total (Pb+Cd+Hg+Cr VI)	mg/kg	100	-	ND	ND	ND	ND

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

“- “ = Not Regulated

The TPCH legislation has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.

END OF THE REPORT