

Test report

24H-001660



Verify Report

Overall result

PASS

Please refer to the following pages for test result summary and notes.

Client information

Client: Koozie Group
Address: 14421 Myerlake Circle
Clearwater
Florida
33760
United States (USA)



Sample information

Description: BIC® Clic Stic® Ice Pen

Assortment: -

Item no.: CSI - Black Ice, Clear Ice, Green Ice, Orange Ice, Pink Ice, Purple Ice, Red Ice, Royal Blue Ice

Test request form no.: CSI.22824I

Shipment order no.: MTO

Labeled age grade: -

Country of origin: Mexico

Recommended age grade: -

Country of distribution: Canada, United States

Tested age grade: -

Quantity submitted: 1 lot

General information

Sample receipt date: 03-Apr-2024

Report date: 25-Apr-2024

Testing period: 05-Apr-2024 to 12-Apr-2024

QIMA Testing (HK) Limited



Simon Kwan Chung Man
Manager, Chemical Laboratory

The test(s) reported herein is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



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Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
CPSIA Section 101, Total Lead in Substrate Materials	PASS
California Proposition 65, Total Lead in Substrate Materials	PASS
Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content	PASS
California Proposition 65, Total Cadmium in Substrate Materials	PASS
16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)	PASS
California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)	PASS
Canadian Phthalates Regulations SOR/2016-188, Phthalates (DBP, BBP, DEHP, DnOP, DINP, DIDP) in Mouthable Vinyl Materials	PASS
Client's Requirement, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)	PASS





Detailed results

CPSIA Section 101 & 16 CFR 1303, California Proposition 65 and Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	6
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS

Specimen No.	7	8	9	10	11	12
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS

Specimen No.	13	14	15	16	17	18
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.



Verify Report



Detailed results

CPSIA Section 101 & 16 CFR 1303, California Proposition 65 and Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	19	20	21	22	23	24
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS

Specimen No.	25	26	27	28	29	30
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS

Specimen No.	31	32	33	34	35	36
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Summary of Requirement:

Requirement	Limit
CPSIA Section 101, Total Lead in Substrate Materials	100 ppm
California Proposition 65, Total Lead in Substrate Materials	100 ppm
Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content	90 mg/kg





Specimen description

Specimen #	Specimen description	Location
1	Translucent Sky Blue Plastic	Barrel
2	Translucent Blue Plastic	Barrel
3	Translucent Lime Green Plastic	Barrel
4	Translucent Red Plastic	Barrel
5	Translucent Light Blue Plastic	Barrel
6	Translucent Orange Plastic	Barrel
7	Translucent Pink Plastic	Barrel
8	Translucent Black Plastic	Barrel
9	Dull Translucent Blue Plastic	Clip
10	Dull Translucent Lime Green Plastic	Clip
11	Dull Translucent Red Plastic	Clip
12	Dull Translucent Light Blue Plastic	Clip
13	Dull Translucent Orange Plastic	Clip
14	Dull Translucent Pink Plastic	Clip
15	Dull Translucent Black Plastic	Clip
16	Dull Translucent Deep Blue Plastic	Clip
17	Dull Translucent Plastic	Clip
18	Matt Translucent Blue Plastic	Button/ Tip of Pen
19	Matt Translucent Lime Green Plastic	Button/ Tip of Pen
20	Matt Translucent Red Plastic	Button/ Tip of Pen
21	Matt Translucent Light Blue Plastic	Button/ Tip of Pen
22	Matt Translucent Orange Plastic	Button/ Tip of Pen
23	Matt Translucent Pink Plastic	Button/ Tip of Pen
24	Matt Translucent Black Plastic	Button/ Tip of Pen
25	Matt Translucent Deep Blue Plastic	Button/ Tip of Pen
26	Matt Translucent Plastic	Button/ Tip of Pen
27	Bright Translucent Blue Plastic	Upper Barrel
28	Bright Translucent Lime Green Plastic	Upper Barrel
29	Bright Translucent Red Plastic	Upper Barrel
30	Bright Translucent Light Blue Plastic	Upper Barrel
31	Bright Translucent Orange Plastic	Upper Barrel
32	Bright Translucent Pink Plastic	Upper Barrel



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Specimen description

Specimen #	Specimen description	Location
33	Bright Translucent Black Plastic	Upper Barrel
34	Bright Translucent Deep Blue Plastic	Upper Barrel
35	Bright Translucent Plastic	Upper Barrel
36	Off Translucent White Plastic	Tip of Button





Detailed results

California Proposition 65, Total Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16	17	18	19	20	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The limit is quoted from client's requirement.





Detailed results

California Proposition 65, Total Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	21	22	23	24	25	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	26	27	28	29	30	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	31	32	33	34	35	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	36	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	---	---	---	---	75
Conclusion	PASS	---	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The limit is quoted from client's requirement.





Specimen description

Specimen #	Specimen description	Location
1	Translucent Sky Blue Plastic	Barrel
2	Translucent Blue Plastic	Barrel
3	Translucent Lime Green Plastic	Barrel
4	Translucent Red Plastic	Barrel
5	Translucent Light Blue Plastic	Barrel
6	Translucent Orange Plastic	Barrel
7	Translucent Pink Plastic	Barrel
8	Translucent Black Plastic	Barrel
9	Dull Translucent Blue Plastic	Clip
10	Dull Translucent Lime Green Plastic	Clip
11	Dull Translucent Red Plastic	Clip
12	Dull Translucent Light Blue Plastic	Clip
13	Dull Translucent Orange Plastic	Clip
14	Dull Translucent Pink Plastic	Clip
15	Dull Translucent Black Plastic	Clip
16	Dull Translucent Deep Blue Plastic	Clip
17	Dull Translucent Plastic	Clip
18	Matt Translucent Blue Plastic	Button/ Tip of Pen
19	Matt Translucent Lime Green Plastic	Button/ Tip of Pen
20	Matt Translucent Red Plastic	Button/ Tip of Pen
21	Matt Translucent Light Blue Plastic	Button/ Tip of Pen
22	Matt Translucent Orange Plastic	Button/ Tip of Pen
23	Matt Translucent Pink Plastic	Button/ Tip of Pen
24	Matt Translucent Black Plastic	Button/ Tip of Pen
25	Matt Translucent Deep Blue Plastic	Button/ Tip of Pen
26	Matt Translucent Plastic	Button/ Tip of Pen
27	Bright Translucent Blue Plastic	Upper Barrel
28	Bright Translucent Lime Green Plastic	Upper Barrel
29	Bright Translucent Red Plastic	Upper Barrel
30	Bright Translucent Light Blue Plastic	Upper Barrel
31	Bright Translucent Orange Plastic	Upper Barrel
32	Bright Translucent Pink Plastic	Upper Barrel





Specimen description

Specimen #	Specimen description	Location
33	Bright Translucent Black Plastic	Upper Barrel
34	Bright Translucent Deep Blue Plastic	Upper Barrel
35	Bright Translucent Plastic	Upper Barrel
36	Off Translucent White Plastic	Tip of Button





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	3	4	5
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	PASS

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		6	7	8	9	10
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	PASS

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11	12	13	14	15
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	PASS

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		16	17	18	19	20
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	PASS

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		21	22	23	24	25
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	PASS

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		26	27	28	29	30
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	PASS

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		31	32	33	34	35
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	PASS

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		36	---	---	---	---
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	---	---	---	---
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	---	---	---	---
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	---	---	---	---
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	---
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	---
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	---	---	---	---
Diisobutyl Phthalate (DIBP)	84-69-5	ND	---	---	---	---
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	---	---	---	---
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	---
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	---
Conclusion		PASS	---	---	---	---

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Summary of Requirement:

Requirement	Limit
16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)	0.1 % w/w each
California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)	0.1 % w/w each
Canadian Phthalates Regulations SOR/2016-188, Phthalates (DBP, BBP, DEHP, DnOP, DINP, DIDP) in Mouthable Vinyl Materials	0.1 % w/w each
Client's Requirement, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)	0.1 % w/w each





Specimen description

Specimen #	Specimen description	Location
1	Translucent Sky Blue Plastic	Barrel
2	Translucent Blue Plastic	Barrel
3	Translucent Lime Green Plastic	Barrel
4	Translucent Red Plastic	Barrel
5	Translucent Light Blue Plastic	Barrel
6	Translucent Orange Plastic	Barrel
7	Translucent Pink Plastic	Barrel
8	Translucent Black Plastic	Barrel
9	Dull Translucent Blue Plastic	Clip
10	Dull Translucent Lime Green Plastic	Clip
11	Dull Translucent Red Plastic	Clip
12	Dull Translucent Light Blue Plastic	Clip
13	Dull Translucent Orange Plastic	Clip
14	Dull Translucent Pink Plastic	Clip
15	Dull Translucent Black Plastic	Clip
16	Dull Translucent Deep Blue Plastic	Clip
17	Dull Translucent Plastic	Clip
18	Matt Translucent Blue Plastic	Button/ Tip of Pen
19	Matt Translucent Lime Green Plastic	Button/ Tip of Pen
20	Matt Translucent Red Plastic	Button/ Tip of Pen
21	Matt Translucent Light Blue Plastic	Button/ Tip of Pen
22	Matt Translucent Orange Plastic	Button/ Tip of Pen
23	Matt Translucent Pink Plastic	Button/ Tip of Pen
24	Matt Translucent Black Plastic	Button/ Tip of Pen
25	Matt Translucent Deep Blue Plastic	Button/ Tip of Pen
26	Matt Translucent Plastic	Button/ Tip of Pen
27	Bright Translucent Blue Plastic	Upper Barrel
28	Bright Translucent Lime Green Plastic	Upper Barrel
29	Bright Translucent Red Plastic	Upper Barrel
30	Bright Translucent Light Blue Plastic	Upper Barrel
31	Bright Translucent Orange Plastic	Upper Barrel
32	Bright Translucent Pink Plastic	Upper Barrel





Specimen description

Specimen #	Specimen description	Location
33	Bright Translucent Black Plastic	Upper Barrel
34	Bright Translucent Deep Blue Plastic	Upper Barrel
35	Bright Translucent Plastic	Upper Barrel
36	Off Translucent White Plastic	Tip of Button





Pictures

Sample photo:



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA Testing (HK) Limited.



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