

TEST REPORT

Test Report # 23H-000941 Date of Report Issue: March 8, 2023
Date of Sample Received: February 9, 2023 Pages: Page 1 of 10

CLIENT INFORMATION:

Company: Koozie Group
Recipient: 14421 Myerlake Circle
Clearwater
Florida
33760
United States (USA)



SAMPLE INFORMATION:

Description:	BIC® 4-Color™ Pen	Test Request Form No.:	5607
Assortment:	-	Country of Origin:	China
Item No.:	4C	Labeled Age Grade:	-
Shipment Order No.:	PO 7135472	Recommended Age Grade:	-
Country of Distribution:	Canada, United States	Tested Age Grade:	-
Quantity Submitted:	10 pcs		
Testing Period:	02/09/2023 – 02/14/2023 03/08/2023 – 03/08/2023		

OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



Loska Yeung Lok Ka
Assistant Manager, Chemical Laboratory

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TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	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)

Remark:

16 CFR 1303, Total Lead in Paints and Surface Coatings, CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings, California Proposition 65, Total Cadmium in Paints and Surface Coatings, California Proposition 65, Total Lead in Paints and Surface Coatings and Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Paints and Surface Coatings were not conducted as no paint and similar surface coating found on received sample.

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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.	5	6	7	8	9	10
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.	11	12	---	---	---	---
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	---	---	---	---
Conclusion	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.

*Require CA Prop 65 warning when shipping to California

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 ppm

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
5	White plastic	Connector of barrel
6	Dull white plastic	Top barrel
7	Matt white plastic	Bottom barrel
8	Transparent plastic	Ink chamber
9	Black plastic	Button
10	Red plastic	Button
11	Blue plastic	Button
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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.	5	6	7	8	9	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.	10	11	12	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	---	---	75
Conclusion	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.

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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.		5	6	7	8	9
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	NA	NA	NA	NA	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	NA	NA	NA	NA	ND
Diisobutyl Phthalate (DIBP)	84-69-5	NA	NA	NA	NA	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	NA	NA	NA	NA	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)

NA = Not applicable

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

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

Specimen No.		10	11	12	---	---
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	---	---
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	---	---
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	---	---
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	---
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	---	---
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	---	---
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	---	---
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	---	---
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	---	---
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	---	---
Conclusion		PASS	PASS	PASS	---	---

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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

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Specimen No.	Specimen Description	Location
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SAMPLE PHOTO:



-End Report-

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