TEST REPORT

Test Report #	22H-008750	Date of Report Issue:	January 6, 2023
Date of Sample Received:	December 29, 2022	Pages:	Page 1 of 14

CLIENT INFORMATION:

Company:	Imagen Brands
Recipient:	Carissa Roepke

SAMPLE INFORMATION:

Description:	Silver Silicone Bracelets		
Assortment:	-	Test Request Form No:	IB0272
Item No.:	SILBRACS	Country of Origin:	China
Shipment Order No.:	DP46432 for Neon Blue, DP45151 for Lime Green and Orange, DP46829 for Royal Blue, MP222180 for Red	Labeled Age Grade:	-
Country of Distribution:	Canada, United States	Recommended Age Grade:	-
Quantity Submitted:	4 pcs per style	Tested Age Grade:	Over 6 years of age
Testing Period:	12/29/2022 – 01/06/2023		

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

QIMA Testing (HK) Limited

Timmy So Tsz Him
Assistant Manager, Physical Laboratory

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	ASTM F2923-20 Consumer Product Safety for Children's Jewelry, Clause 5 and 9 Total Lead and Cadmium in Substrate Materials
PASS	Client's Requirement, Total Lead in Accessible Substrate Materials
PASS	California Health and Safety Code Sections 25214.1 – 25214.4.2, Total Lead and Cadmium in Substrate Materials of Children's Jewelry
PASS	ASTM F2923-20 Consumer Product Safety for Children's Jewelry, Clause 11 Phthalates in Plasticized Components of Children Jewelry
PASS	Client's Requirement, 10 Phthalates
PASS	Canadian Children's Jewellery Regulations (SOR/2018-82), Total Lead Content
PASS	16 CFR 1500.3(c)(6)(vi), Flammability of Solids
PASS	ASTM F2923-20 Consumer Product Safety for Children's Jewelry, Mechanical Requirements
PASS	Canadian Toy Regulations SOR/2011-17 as amended, Mechanical Hazards Requirements
PASS	Canadian Toy Regulations SOR/2011-17 as Amended, Item 21 Celluloid or Cellulose Nitrate

DETAILED RESULTS:

ASTM F2923-20 Consumer Product Safety for Children's Jewelry, Clause 5 and 9 Total Lead and 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***
Total Lead (Pb)	ND	ND	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 20 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:
*Covered components of children's jewelry containing 75 ppm or less total cadmium do not need to be tested for soluble cadmium.

DETAILED RESULTS:

Client's Requirement, Total Lead in Accessible Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)
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 Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 20 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

California Health and Safety Code Sections 25214.1 – 25214.4.2, Total Lead and Cadmium in Substrate Materials of Children's Jewelry

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

Specimen No.	1	2	3	4	5	**Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	**300**
Total Lead (Pb)	ND	ND	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 20 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

ASTM F2923-20 Consumer Product Safety for Children's Jewelry, Clause 11 Phthalates in Plasticized Components of Children Jewelry

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

Specimen No.		1	2	3	4	Limit (% w/w)
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	**0.1**
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	**0.1**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	**0.1**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	**0.1**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	**0.1**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	**0.1**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	**0.1**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	**0.1**
	Conclusion	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:

ASTM F2923-20 Consumer Product Safety for Children's Jewelry, Clause 11 Phthalates in Plasticized Components of Children Jewelry

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

Specimen No.		5	---	---	---	**Limit (% w/w)**
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	**0.1**
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	**0.1**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	**0.1**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	**0.1**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	**0.1**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	**0.1**
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	**0.1**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	---	**0.1**
	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.

DETAILED RESULTS:

Client's Requirement, 10 Phthalates

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

Specimen No.		1	2	3	4	**Limit (% w/w)**
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	**0.1**
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	**0.1**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	**0.1**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	**0.1**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	**0.1**
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	**0.1**
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	**0.1**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	**0.1**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	**0.1**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	**0.1**
	Conclusion	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:

Client's Requirement, 10 Phthalates

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

Specimen No.		5	---	---	---	**Limit (% w/w)**
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	**0.1**
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	**0.1**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	**0.1**
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	**0.1**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	**0.1**
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	**0.1**
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	**0.1**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	**0.1**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	**0.1**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	---	**0.1**
	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.

DETAILED RESULTS:

Canadian Children's Jewellery Regulations (SOR/2018-82), Total Lead Content

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

Specimen No.	1	2	3	4	5	
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Limit (mg/kg)**
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:
mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)
LT = Less than
ND = Not detected (Reporting Limit = 20 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

16 CFR 1500.3(c)(6)(vi), Flammability of Solids

Flammable hazards evaluated as described in 16 CFR 1500.44.

Test	Observation	Conclusion
Flammability of Solids	The burn rate is less than or equal to 0.1 in/sec.	PASS

ASTM F2923-20 Consumer Product Safety for Children's Jewelry, Mechanical Requirements

Section	Test	Conclusion
13.3	Sharp Points, Sharp Edges, Use and Abuse	PASS

DETAILED RESULTS:

Canadian Toy Regulations SOR/2011-17 as amended, Mechanical Hazards Requirements

Mechanical hazards evaluated as described in SOR/2011-17, as applicable.

Test	Observation	Conclusion
Impact	No Sharp Edge or Sharp Point	PASS
Push/Pull	No Sharp Edge or Sharp Point	PASS

Section	Requirement	Conclusion
10	Plastic Edges	PASS

Canadian Toy Regulations SOR/2011-17 as Amended, Item 21 Celluloid or Cellulose Nitrate

(Method: Visual Observation)

Test	Observation	Conclusion
Cellulose Nitrate	No visual signs of Cellulose Nitrate.	PASS

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Silvery printed blue soft plastic	Bracelet (blue style)
2	Silvery printed green soft plastic	Bracelet (green style)
3	Silvery printed dark blue soft plastic	Bracelet (royal blue style)
4	Silvery printed orange soft plastic	Bracelet (orange style)
5	Silvery printed red soft plastic	Bracelet (red style)

SAMPLE PHOTO:

-End Report-