

TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 1 of 18

Applicant: Calibre International LLC Test Date: Apr 17 - 28, 2024

6250 N Irwindale Ave, Irwindale, California Address: Received Date: Apr 17, 2024 91702

jngan@highcaliberline.com/ Contact Info: Contact Person: Joyce Ngan / Jason Tai

jtai@highcaliberline.com

Sample Description: Toys

Manufacturer: High Caliber Line **Export To:** USA SKU No: **Country of Origin:** China

6+ Age grading:

<u>Test Item</u>	Conclusion
ASTM F963-23/16CFR1500 &1501 Physical and Mechanical Requirements	PASS
Flammability Requirements for Solids and Soft Toys [ASTM F963-23 Annex A5 + 16 CFR 1500.3(c)(6)(vi)]	PASS
Canada Toys Regulations SOR/2011-17 And Regulations Amending Toys Regulations SOR/2016-195, SOR/2016-302 & SOR/2018-138 Physical And Mechanical Requirements	PASS
Flammability Test - Celluloid or Cellulose nitrate [Canada Toys Regulations SOR/2011-17 And Regulations Amending Toys Regulations SOR/2016-195, SOR/2016-302 & SOR/2018-138]	PASS
Total Lead (Pb) Content [With Reference to CA 65 Requirement]	PASS
Total Lead Content in Substrates [Consumer Product Safety Improvement Act of 2008(CPSIA)]	PASS
Total Lead Content [Canada Consumer Products Containing Lead Regulations (SOR/2018-83)] (CCPSA requirement)	PASS
Total Phthalates Content [With Reference to CA 65 Requirement]	PASS
Total Phthalates Content [16 CFR 1307.3 Prohibition of children's toys and child care articles containing specified phthalates]	PASS
Total Phthalates Content [Canada Phthalates Regulations (SOR/2016-188)]	PASS
Soluble Migrated Elements [ASTM F963-23 Section 4.3.5.1 (2), 4.3.5.2 (2)(b) & 8.3]	PASS
Remark:	
The results relate only to the samples tested.	

- Selected test(s) as requested by applicant.

For and on behalf of **UL VS Shanghai Limited**

Lester. Xie- VS Operation Manager

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1002293148 TEST REPORT NO: Apr 28,2024

> Page: 2 of 18

Sample Information:

Sample inform	
Sample	Product
001	Black silicone body
002	White silicone body
003	Blue silicone body
004	Green silicone body
005	Blue & White silicone body
006	Multicolor silicone body
007	Blue elastic ball
008	White elastic ball
009	Green soft plastic body
010	Red soft plastic body
011	Blue soft plastic body
012	transparent soft plastic body
013	Blue & White soft plastic body
014	Multicolor soft plastic body
015	Gray soft plastic part
016	Blue robot the whole product
017	White robot the whole product
018	Grey plastic pipe
019	White plastic body
020	Blue plastic body
021	White soft plastic hands/feet
022	Blue soft plastic hands/feet
023	Blue Pen the whole product
024	Dark blue Pen the whole product
025	Black Pen the whole product
026	Blue soft plastic
027	Dark Blue soft plastic
028	Black soft plastic
029	Blue plastic body
030	Dark Blue plastic body
031	Black plastic body

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 3 of 18

Mechanical And Physical Test 1.

Mechanic	al And Physical Te	st Of The Most Stringent Requirements Of The Following Standards:	
A) ASTM			
B) 16 CFF			
	ge grading:	For ages over 6 years	
Sample si	ize:	1 piece(s) × 5 set(s)	
A)	B)	Test items	Assessment
4.1		Material Quality (Visual Check On Cleanness)	Р
4.3.7		Stuffing Materials (Visual Check On Contaminations)	NA
4.5		Sound producing toys	NA
4.6.3	1500.19	Toys and games intended for children 3 to 6 years	NA
4.7	1500.49	Accessible Edges	Р
4.8		Projections	NA
4.9	1500.48	Accessible Points	Р
4.10		Wires Or Rods	NA
4.11		Nails And Fasteners	NA
4.12		Plastic Film	NA
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
4.18		Holes, Clearance, And Accessibility Of Mechanisms	NA
4.19		Simulated Protective Devices, Such As Helmets, Hats And Goggles	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
4.25		Battery Operated 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		Yoyo Elastic Tether Toys	NA
4.38		Magnets	NA
4.39		Jaw Entrapment In Handles And Steering Wheels	NA
4.40		Expanding Materials	NA

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1002293148 TEST REPORT NO: Apr 28,2024

> Page: 4 of 18

4.41		Toy Chests	NA NA
5		Labeling Requirements	P
5.1.2		Tracking label	P
5.3		Safety Labeling Requirements	NA
6		Instructional Literature	NA
7		Producer's Marking	P
8.7.1	1500.53	Import/Drop Test	P
8.8	1500.53	Torque Test	P
8.9	1500.53	Tension Test	P
8.10	1500.53	Compression Test	P
Remark:	P=Pass; F=	Fail; NA=Not Applicable	<u>.</u>

2. **Flammability Test**

(A) ASTM F963-23 Section 4.2 and Annex A5				
(B) 16 CFR 1500.44 defined under 16 CFR 1500.3 section (c) (6) (vi)				
Sample size:	1 piece(s) \times 5 set(s)			
Requirement:	Burning rate should not exceed 0.1 inch per second along the major axis.			
Results:	The burn rate of the submitted samples was less than 0.1 inch per second.			

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 5 of 18

3. **Mechanical And Physical Test**

Physical And Mechanical Tests To Canada Toys Regulations SOR/2011-17 And Regulations Amending Toys Regulations SOR/2016-195, SOR/2016-302 & SOR/2018-138 (Test Method Refer To Health Canada Product Safety Reference Manual Book 5 - Laboratory Policies And Procedures Part 5: Test Method Section)

Tested Age of	grading:	Over 6 years	•	
Sample size:		1 piece(s) × 5 set(s)		
Clause	Test Items	, , , , ,	Assessment	
3	Official languages		NA	
4	Flexible film bags (M03*)		NA	
5	Electrically operated toys		NA	
6	Electrically heated toys		NA	
7	Small parts (M-00.1*)		NA	
8	Metal edges (M-00.2*)		NA	
9	Wire frames (M-00.3*)		NA	
10	Plastic edges (M-00.2*)		Р	
11	Wood (M-00.2, M-00.3*)		NA	
12	Glass (M-00.2, M-00.3*)		NA	
13	Fasteners (M-00.2, M-00.3*)		NA	
14	Safety stops or locking device	es	NA	
15	Spring-wound driving mechan	nism	NA	
16	Projectile components (M-01	.1*)	NA	
17	Enclosures	,	NA	
18	Stability		NA	
19	Decibel limit (M-04*)		NA	
20	Heat surfaces, parts or subst	ances	NA	
28	Dolls, plush and soft toys – fa	asteners (M-00.2, M-00.3*)	NA	
29	Dolls, plush and soft toys – s	tuffing material	NA	
30	Dolls, plush and soft toys – s	mall parts (M-01.1*)	NA	
31	Dolls, plush and soft toys – e	yes and noses (M-00.4*)	NA	
35	Plant seeds – noise		NA	
36	Plant seeds – stuffing materia	als	NA	
37	Pull and push toys – shaft-lik	e handles (M-01.1*)	NA	
38	Toy steam engines – boilers-	safety valves	NA	
40	Rattles – constructions (M-05	5*)	NA	
41	Elastics		NA	
42	Yo-yo type balls – stretchable	e cords	NA	
43	Magnetic Toys – Magnetic fo	rce	NA	
44	Warning for Magnet Kit		NA	
*Remark	: P=Pass; F=Fail; NA=Not App	olicable	·	
M-00.2	2 Test procedure to determine	mechanical hazards – sharp edges		

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TFS	T REPORT	ΝО٠	1002293148	Apr 28.2024
		11 0 .	1002233170	

Page: 6 of 18

Flammability Test (Cellulose Nitrate) To Canada Toys Regulations SOR/2011-17 And Regulations Amending Toys Regulations SOR/2016-195, SOR/2016-302 & SOR/2018-138

The following clauses are identified to be applicable:					
Appropriate age Grading for testing : 6+					
Sample size		:	1 piece(s) × 5 set(s)		
Clause	Test Item			Assessment	
21	Celluloid or cellulose nitrate		ate	Pass	

Total Lead (Pb) Content [With Reference to CA 65 Requirement]

Test Method: CPSC-CH-E1001-08.3 (Metal Substrates) / CPSC-CH-E1002-08.3 Section IA & IIA (Non-Metal Substrates)

Detection Limit: 20mg/kg

5.

<u>Sample</u>	Result(mg/kg)	Client's Requirement (mg/kg)	
001+002+003	<20.0	Max. 90	PASS
004+005+006	<20.0	Max. 90	PASS
007+008+009	<20.0	Max. 90	PASS
010+011+012	<20.0	Max. 90	PASS
013+014+015	<20.0	Max. 90	PASS
018+019+020	<20.0	Max. 90	PASS
021+022	<20.0	Max. 90	PASS
026+027+028	<20.0	Max. 90	PASS
029+030+031	<20.0	Max. 90	PASS
"<" means less tha	n ; ">" means greater than ; "mg/kg" means milligran	ns per kilogram	1

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TEST REPORT NO: 1002293148 Apr 28,2024

> 7 of 18 Page:

6. Total Lead Content in Substrates [Consumer Product Safety Improvement Act of 2008(CPSIA)]

Test Method: CPSC-CH-E1001-08.3 (Metal Substrates) / CPSC-CH-E1002-08.3 Section IA & IIA (Non-Metal Substrates) /

The submitted sample(s) must not exceed the total lead limit of 100 milligrams per kilogram for substrate materials as stated in CPSIA

Detection Limit: 20mg/kg

Sample	Result(mg/kg)	Requirement (mg/kg)	
001+002+003	<20.0	Max. 100	PASS
004+005+006	<20.0	Max. 100	PASS
007+008+009	<20.0	Max. 100	PASS
010+011+012	<20.0	Max. 100	PASS
013+014+015	<20.0	Max. 100	PASS
018+019+020	<20.0	Max. 100	PASS
021+022	<20.0	Max. 100	PASS
026+027+028	<20.0	Max. 100	PASS
029+030+031	<20.0	Max. 100	PASS
"<" means less that	n ; ">" means greater than ; "mg/kg" means milligran	ns per kilogram	1

7. Total Lead Content [Canada Consumer Products Containing Lead Regulations (SOR/2018-83)] (CCPSA requirement)

Test Method: CPSC-CH-E1001-08.3 (Metal Substrates) / CPSC-CH-E1002-08.3 Section IA & IIA (Non-Metal Substrates) /

Accessible part(s) of the following items shall not have total lead content greater than 90 milligrams per kilogram as per Canada Consumer Products Containing Lead Regulations (SOR/2018-83),:

Detection Limit: 20mg/kg

Sample	Result(mg/kg)	Requirement (mg/kg)	
001+002+003	<20.0	Max. 90	PASS
004+005+006	<20.0	Max. 90	PASS
007+008+009	<20.0	Max. 90	PASS
010+011+012	<20.0	Max. 90	PASS
013+014+015	<20.0	Max. 90	PASS
018+019+020	<20.0	Max. 90	PASS
021+022	<20.0	Max. 90	PASS
026+027+028	<20.0	Max. 90	PASS
029+030+031	<20.0	Max. 90	PASS

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 8 of 18

Total Phthalates Content [With Reference to CA 65 Requirement] 8.

Test Method: CPSC-CH-C1001-09.4

	Sample 001+002+003	Sample 004+005+006	Sample 007+008+009	Sample 010+011+012	Client's Requirement (%)
<u>ltem</u>	Result (%)	Result (%)	Result (%)	Result (%)	Individual
BBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DEHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DNHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DINP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DIDP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DNOP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
	PASS	PASS	PASS	PASS	
	Sample 013+014+015	Sample 018+019+020	Sample 021+022	Sample 026+027+028	Client's Requirement (%)
<u>ltem</u>	Result (%)	Result (%)	Result (%)	Result (%)	<u>Individual</u>
BBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DEHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DNHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DINP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DIDP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DNOP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
	PASS	PASS	PASS	PASS	

Remark:

Method detected limit: BBP/DBP/DEHP/DNHP=0.01% ; DINP/DIDP=0.02%

Benzyl butyl phthalate, BBP; Dibutyl phthalate, DBP; Bis(2-ethylhexyl) phthalate, DEHP

Di-n-hexyl phthalate , DNHP; Di-iso-nonyl phthalate , DINP; Diisodecyl phthalate , DIDP ; Di-n-octyl phthalate, DNOP

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 9 of 18

Total Phthalates Content [With Reference to CA 65 Requirement]

Test Method: CPSC-CH-C1001-09.4

	Sample 029+030+031	Client's Requirement (%)
<u>ltem</u>	Result (%)	<u>Individual</u>
BBP	< 0.01	< 0.1
DBP	< 0.01	< 0.1
DEHP	< 0.01	< 0.1
DNHP	< 0.01	< 0.1
DINP	< 0.02	< 0.1
DIDP	< 0.02	< 0.1
DNOP	< 0.01	< 0.1
	PASS	

Remark

Method detected limit: BBP/DBP/DEHP/DNHP=0.01% ; DINP/DIDP=0.02%

Benzyl butyl phthalate, BBP; Dibutyl phthalate, DBP; Bis(2-ethylhexyl) phthalate, DEHP

Di-n-hexyl phthalate , DNHP; Di-iso-nonyl phthalate , DINP; Diisodecyl phthalate , DIDP ; Di-n-octyl phthalate, DNOP

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 10 of 18

9. Total Phthalates Content [16 CFR 1307.3 Prohibition of children's toys and child care articles containing specified phthalates]

Test Method: CPSC-CH-C1001-09.4

	Sample 001+002+003	Sample 004+005+006	Sample 007+008+009	Sample 010+011+012	Client's Requirement (%)
<u>Item</u>	Result (%)	Result (%)	Result (%)	Result (%)	Individual
BBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DEHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DNHP	< 0.01	< 0.01	< 0.01 < 0.0	< 0.01	< 0.1
DINP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DIDP	< 0.02	< 0.02	< 0.02 < 0.02	< 0.02	< 0.1
DNOP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
	PASS	PASS	PASS	PASS	
	Sample 013+014+015	Sample 018+019+020	Sample 021+022	Sample 026+027+028	Client's Requirement (%)
<u>ltem</u>	Result (%)	Result (%)	Result (%)	Result (%)	<u>Individual</u>
BBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DEHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DNHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DINP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DIDP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DNOP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
	PASS	PASS	PASS	PASS	

Method detected limit: BBP/DBP/DEHP/DNHP=0.01%; DINP/DIDP=0.02%

Benzyl butyl phthalate , BBP; Dibutyl phthalate , DBP; Bis(2-ethylhexyl) phthalate , DEHP

Di-n-hexyl phthalate , DNHP; Di-iso-nonyl phthalate , DINP; Diisodecyl phthalate , DIDP ; Di-n-octyl phthalate, DNOP

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 11 of 18

Total Phthalates Content [16 CFR 1307.3 Prohibition of children's toys and child care articles containing specified phthalates]

Test Method: CPSC-CH-C1001-09.4

	Sample 029+030+031	Client's Requirement (%)
<u>ltem</u>	Result (%)	<u>Individual</u>
BBP	< 0.01	< 0.1
DBP	< 0.01	< 0.1
DEHP	< 0.01	< 0.1
DNHP	< 0.01	< 0.1
DINP	< 0.02	< 0.1
DIDP	< 0.02	< 0.1
DNOP	< 0.01	< 0.1
	PASS	

Remark:

Method detected limit: BBP/DBP/DEHP/DNHP=0.01% : DINP/DIDP=0.02%

Benzyl butyl phthalate, BBP; Dibutyl phthalate, DBP; Bis(2-ethylhexyl) phthalate, DEHP

Di-n-hexyl phthalate , DNHP; Di-iso-nonyl phthalate , DINP; Diisodecyl phthalate , DIDP ; Di-n-octyl phthalate, DNOP

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 12 of 18

10. Total Phthalates Content [Canada Phthalates Regulations (SOR/2016-188)]

Test Method: CPSC-CH-C1001-09.4

Criteria: 1. DEHP, DBP, BBP content shall not individually be more than 0.1% by weight in any children's toys and child care articles.

2. DINP, DIDP, DNOP content shall not individually be more than 0.1% by weight in any children's toys that can be placed in a child's mouth and child care articles.

	Sample 001+002+003	Sample 004+005+006	Sample 007+008+009	Sample 010+011+012	Client's Requirement (%)
<u>ltem</u>	Result (%)	Result (%)	Result (%)	Result (%)	<u>Individual</u>
BBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DEHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DNHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DINP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DIDP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DNOP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
	PASS	PASS	PASS	PASS	
	Sample 013+014+015	Sample 018+019+020	Sample 021+022	Sample 026+027+028	Client's Requirement (%)
<u>ltem</u>	Result (%)	Result (%)	Result (%)	Result (%)	<u>Individual</u>
BBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DBP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DEHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DNHP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
DINP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DIDP	< 0.02	< 0.02	< 0.02	< 0.02	< 0.1
DNOP	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1
	PASS	PASS	PASS	PASS	

Method detected limit: BBP/DBP/DEHP/DNHP=0.01% : DINP/DIDP=0.02%

Benzyl butyl phthalate, BBP; Dibutyl phthalate, DBP; Bis(2-ethylhexyl) phthalate, DEHP

Di-n-hexyl phthalate , DNHP; Di-iso-nonyl phthalate , DINP; Diisodecyl phthalate , DIDP ; Di-n-octyl phthalate, DNOP

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 13 of 18

Total Phthalates Content [Canada Phthalates Regulations (SOR/2016-188)]

Test Method: CPSC-CH-C1001-09.4

Criteria: 1. DEHP, DBP, BBP content shall not individually be more than 0.1% by weight in any children's toys and child care articles.

2. DINP, DIDP, DNOP content shall not individually be more than 0.1% by weight in any children's toys that can be placed in a child's mouth and child care articles.

	Sample 029+030+031	Client's Requirement (%)
<u>ltem</u>	Result (%)	<u>Individual</u>
BBP	< 0.01	< 0.1
DBP	< 0.01	< 0.1
DEHP	< 0.01	< 0.1
DNHP	< 0.01	< 0.1
DINP	< 0.02	< 0.1
DIDP	< 0.02	< 0.1
DNOP	< 0.01	< 0.1
	PASS	

Method detected limit: BBP/DBP/DEHP/DNHP=0.01% ; DINP/DIDP=0.02%

Benzyl butyl phthalate, BBP; Dibutyl phthalate, DBP; Bis(2-ethylhexyl) phthalate, DEHP

Di-n-hexyl phthalate , DNHP; Di-iso-nonyl phthalate , DINP; Diisodecyl phthalate , DIDP; Di-n-octyl phthalate, DNOP

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TEST REPORT NO: 1002293148 Apr 28,2024

> Page: 14 of 18

11. Soluble Migrated Elements [ASTM F963-23 Section 4.3.5.1 (2), 4.3.5.2 (2)(b) & 8.3]

<u>Sample</u>	Section of method	Sample weight (g) between 10 mg and 100 mg	(Sb)	(As)	(Ba)	(Cd)	(Cr)	(Pb)	(Hg)	(Se)	
001	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
002	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
003	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
004	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
005	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
006	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
007	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
008	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
009	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
010	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
011	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
012	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
013	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
014	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
015	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
018	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
019	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
020	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
021	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
022	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
	Detec	tion Limit	6.0	2.5	6.0	6.0	6.0	6.0	6.0	6.0	
	Requirem	ent (Max.)	60	25	1000	75	60	90	60	500	

Remark:

- All concentrations expressed in milligrams per kilogram and unadjusted unless otherwise stated
- "<" means less than
- Method for determination of each soluble element present: Antimony(Sb), Arsenic(As), Barium(Ba), Cadmium(Cd), Chromium(Cr), Lead(Pb), Mercury(Hg) and Selenium(Se) are determined by Inductively Coupled Plasma Spectroscopy.

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TEST REPORT NO: 1002293148 Apr 28,2024

> 15 of 18 Page:

Soluble Migrated Elements [ASTM F963-23 Section 4.3.5.1 (2), 4.3.5.2 (2)(b) & 8.3]

Sample	Section of method	Sample weight (g) between 10 mg and 100 mg	(Sb)	(As)	(Ba)	(Cd)	(Cr)	(Pb)	(Hg)	(Se)	
026	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
027	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
028	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
029	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
030	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
031	-	-	<6.0	<2.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	PASS
	Detection Limit			2.5	6.0	6.0	6.0	6.0	6.0	6.0	
Requirement (Max.)		60	25	1000	75	60	90	60	500		

Remark:

- All concentrations expressed in milligrams per kilogram and unadjusted unless otherwise stated
- "<" means less than
- Method for determination of each soluble element present: Antimony(Sb), Arsenic(As), Barium(Ba), Cadmium(Cd), Chromium(Cr), Lead(Pb), Mercury(Hg) and Selenium(Se) are determined by Inductively Coupled Plasma Spectroscopy.

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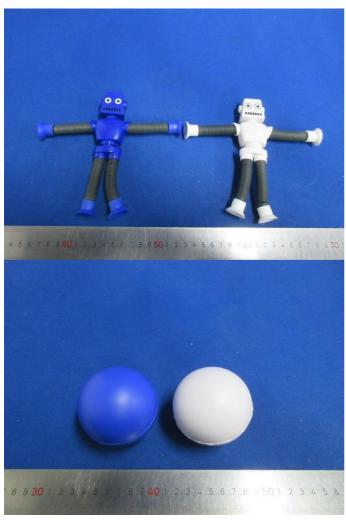
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1002293148 TEST REPORT NO: Apr 28,2024

> Page: 16 of 18





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1002293148 TEST REPORT NO: Apr 28,2024

> Page: 17 of 18



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TEST	REPORT	NO:	1002293148	Apr 28,2024
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Page: 18 of 18

***** End of Report *****

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UL VS Terms and Conditions

All services are governed by the following Terms and Conditions.

- 1. Verification Services. The UL Contracting Party ("we", "us", or "our" as the context requires) will perform commercial testing, verification, audit, assessment, inspection, and/or other services ("Services") in accordance with your instructions as described in this order, scope of work, project proposal, quotation, or order acknowledgment ("Quotation"). The Services will be limited to an assessment of your samples' conformity to requirements, specifications, and/or protocols you have established ("Your Requirements"), and do not express any opinion regarding the bulk from which the samples were drawn. The Services do not involve any assessment or evaluation to independent safety standards, and we and our affiliates have no responsibility to make any independent safety assessment of any samples.
- 2. Retailer Programs. If you request us to test compliance with retailer, carrier or other third party program ("Retailer") by requesting Services under the Retailer's program, you consent to our disclosure of all associated information, materials, and deliverables to such Retailer and acknowledge that, notwithstanding any terms to the contrary in these Terms and Conditions, the ownership of the deliverables for the Services will be in accordance with the Retailer's program.
- 3. Payment Terms. You will pay, without set off, our fees and related expenses in accordance with our then current pricing or as set out on the Quotation including the cost of all taxes, wire or transfer fees, duties, and other fiscal charges which become due on the quoted price and will indemnify us from and against liabilities, incurred as a result of failure to pay any such sums when they become due. We may charge interest at 1% per month (12% per year), or the maximum legal rate if less than 1.0% per month, from the due date until paid fully. You agree to pay reasonable collection costs, including attorneys' fees, if necessary, in the event of late or non-payment.
- 4. Your Requirements. You are responsible for establishing or selecting all Your Requirements that we will use in performing the Services. We may provide you with assistance in developing Your Requirements that meet your needs, however, in all cases you must review and approve Your Requirements to be used in performing the Services.
- 5. Estimated Schedule and Price. Any time schedule and pricing terms set forth in this Quotation are estimates only and subject to change upon reasonable notice from us depending upon the specific project.
- 6. On-Site Investigations. If we perform Services on site at your facilities, or at the facilities of other parties as directed by you; you will ensure that our representatives have safe, secure, and free access to the facilities. Our access will not be conditioned upon the execution of any agreement, waiver, or release. If our representatives are prevented from performing or completing any Services for any reason beyond our reasonable control, we will not be responsible for the nonperformance, and you may be charged for any actual expenses we incur and fees for Services performed.
- 7. Deliverables. We will provide you with a report outlining: (i) your instructions and request for Services accepted by us, (ii) Your Requirements used in providing the Services, (iii) the Services performed, and (iv) the results of those Services. We are under no obligation to refer to or report on any facts or circumstances which are outside your specific instructions received and accepted by us.
- 8. Our Findings. We do not guarantee that our opinions or findings will be recognized or accepted by third parties.
- 9. Use of Names and Marks. Except as otherwise authorized by us in writing, you will not use our name, abbreviation, symbols, marks, or the name of any of our subsidiaries, affiliates, or parent on any goods or their containers or packaging, or in connection with any advertising, promotions, or otherwise.
- 10. Cancellation Fees. If you cancel or change a Quotation: (i) for an inspection after 3:00 PM of the working day before the scheduled inspection date, we will charge you the Quotation price plus any travel costs incurred before the cancellation; (ii) for testing after we receive the sample(s) at the testing facility, we will charge you cancellation fee saccording to the amount of actual work performed with a minimum cancellation fee of \$100 USD; or (iii) for a scheduled audit date, you will be responsible for all incurred non-refundable travel costs associate with that audit. Any change or cancellation of an audit that occurs within 7 days of the scheduled audit will be charged a \$600 USD fee in addition to any incurred travel costs.
- 11. No Warranty. NO REPRESENTATION, WARRANTY, OR GUARANTEE, EXPRESS OR IMPLIED, IS INCLUDED IN THESE TERMS AND CONDITIONS, OR IN ANY QUOTATION, REPORT, OR OTHER DOCUMENT PROVIDED UNDER THESE TERMS AND CONDITIONS INCLUDING, BUT NOT LIMITED TO: (i) ANY "IMPLIED WARRANTY OF MERCHANTABILITY" OR "FITNESS FOR A PARTICULAR PURPOSE", (ii) NON INFRINGEMENT, AND (iii) THAT THE WEB SERVICES (AS DEFINED BELOW) WILL BE UNINTERRUPTED, TIMELY, SECURE, OR ERROR-FREE.
- 12. Your Information. You represent and warrant that all information and data provided to us by you, or on your behalf ("Your Information"), is complete and accurate and may be relied upon to provide Services. In addition, you represent and warrant that all of Your Information is owned or licensed by you, and does not infringe on the intellectual property rights of any third party. If any information or data provided to us by you or on your behalf is either incomplete or inaccurate, we will not be liable in any manner for any deficiencies in the Services.
- 13. Ownership of Work Product. You will own the test reports or other materials provided to you pursuant to any Quotation. We may retain a copy of the test reports and other materials for our archives and for creating reports for you and third parties, as required by you.
- 14. Web Services. We may provide you with certain website tools and related services, including the ability to order services online through a website (collectively, the "Web Services"). The Web Services are provided to you as a convenience and are provided on an "as is, as available" basis. By using the Web Services, you acknowledge and agree that no data or content transmitted over our networks, the Internet, or wirelessly, or through or in connection with the Web Services, is guaranteed to be secure or free from unauthorized intrusion, and that data stored by us, our affiliates, or our service providers may be deleted, modified, or damaged. You acknowledge that if you wish to protect your transmission of data or files to us, it is your responsibility to use a secure encrypted connection to communicate with and use the Web Services. Your use of the Web Services is at your sole risk and is subject to any terms of use applicable to such Web Services. Web Services are included in the definition of Services above.
- 15. Confidentiality. We will not disclose your information obtained in confidence ("Confidential Information") to third parties, except our subsidiaries, affiliates, or subcontractors, without your prior written authorization. Confidential Information will not include information: (a) already known to us, (b) publicly available, (c) subsequently acquired by us from other sources without a breach of these Terms and Conditions, (d) disclosure that is necessary to perform the Services, (e) required to be produced by law or government order, or accreditation authority, or (f) related to a product bearing a UL Mark that should be disclosed to us or our affiliates pursuant to another agreement with you.
- 16. Samples. If we require sample examination, you will ship samples to us at your expense. Upon completion of testing, the samples will be destroyed, unless other arrangements are made for return of the samples at your expense. You acknowledge that testing and sample preparation may damage or destroy the sample(s), for which we will not be liable.
- 17. LIMITATION OF LIABILITY. OUR LIABILITY FOR ANY CLAIMS FOR LOSS, DAMAGE, OR EXPENSE OF ANY NATURE AND HOWSOEVER ARISING INCLUDING WITHOUT LIMITATION CLAIMS FOR ANY BREACH OF CONTRACT AND/OR ANY FAILURE TO EXERCISE APPROPRIATE SKILL AND CARE BY US WILL UNDER NO CIRCUMSTANCE EXCEED THE FEES RECEIVED FOR THE SPECIFIC SERVICES WHICH GIVE RISE TO SUCH CLAIMS. UNDER NO CIRCUMSTANCE WILL WE HAVE ANY LIABILITY FOR ANY CLAIMS FOR INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO: LOSS OF PROFITS, GOODWILL, USE, DATA, FUTURE BUSINESS, OR PRODUCTION; CANCELLATION OF CONTRACTS ENTERED INTO BY YOU; OR OTHER INTANGIBLE LOSSES (EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES). UNDER NO CIRCUMSTANCE WILL WE BE LIABLE TO YOU FOR ANY CLAIMS FOR LOSS, DAMAGE, OR EXPENSE UNLESS SUCH CLAIM IS BROUGHT UNDER SECTION 25 (DISPUTES) WITHIN TWELVE MONTHS OF THE DATE OF THE PERFORMANCE BY US OF THE SERVICES WHICH GIVE RISE TO THE CLAIM OR, IN THE EVENT OF ANY ALLEGED NON-PERFORMANCE, WITHIN TWELVE MONTHS OF THE DATE OF THE PERFORMANCE BY US OF THE SERVICES WHICH GIVE RISE TO THE CLAIM OR, IN THE EVENT OF ANY ALLEGED NON-PERFORMANCE, WITHIN TWELVE MONTHS OF THE DATE OF THE PERFORMANCE BY US OF THE SERVICES WHICH GIVE RISE TO THE CLAIM OR, IN THE EVENT OF ANY ALLEGED NON-PERFORMANCE, WITHIN TWELVE MONTHS OF THE DATE OF THE PERFORMANCE BY US OF THE SERVICES WHICH GIVE RISE TO THE CLAIM OR, IN THE EVENT OF ANY ALLEGED NON-PERFORMANCE, WITHIN TWELVE MONTHS OF THE DATE OF THE PERFORMANCE BY US OF THE SERVICES WHICH GIVE RISE TO THE CLAIM OR, IN THE EVENT OF ANY ALLEGED NON-PERFORMANCE, WITHIN TWELVE MONTHS OF THE DATE OF THE PERFORMANCE.
- 18. Indemnification. You will defend, hold harmless, and indemnify us and our officers, directors, trustees, employees, agents, or subcontractors against all claims made by any third party for loss, damage, or expense arising out of these Terms and Conditions, including without limitation, the performance or non-performance of any Services or the Web Services.
- 19. Waiver. Any failure by a party to insist upon the performance of any section of these Terms and Conditions will not constitute a waiver of any rights under these Terms and Conditions or future performance of that section.
- 20. No Third Party Beneficiaries. The parties intend that no provisions of these Terms and Conditions will in any way bind or benefit any third party or the public at large and that no third party will have any rights or cause of action under these Terms and Conditions. In particular, in the event Singapore law governs these Terms and Conditions pursuant to Section 24 (Governing Law), a person or entity who is not a party to these Terms and Conditions will have no right under the Contracts (Rights of Third Parties) Act (Chapter 53B) to enforce any term of these Terms and Conditions, regardless of whether such person or entity has been identified by name, as a member of a class, or as answering a particular description.
- 21. No Assignment. Neither party may assign any of its rights or obligations under these Terms and Conditions to any other person without the other party's written authorization. However, we may, upon written notice, assign our rights and obligations under these Terms and Conditions to any of our affiliates or subsidiaries.
- 22. Subcontracting. We may use subcontractors for certain testing or other Services. All subcontractors will meet our current qualification requirements and will comply with our requirements for confidentiality, conflicts of interest, and ethical standards.
- 23. Termination and Notice. These Terms and Conditions will continue in effect until terminated by either party upon thirty days written notice or, in the event of your breach of these Terms and Conditions, immediately upon receipt of written notice to you. You will pay those fees and expenses incurred by us prior to termination. Notice to either party may be made by hand delivery, courier service, mail, facsimile, or e-mail transmission at the receiving party's designated principal place of business. Notice to us must be sent both to: UL Verification Services Pte Ltd, Attn: President, 1 Maritime Square, Harbour Front Centre, #11-03, Singapore 099253 with a copy to UL LLC, Attn.: General Counsel at 333 Pfingsten Road, Northbrook, Illinois 60062. Notice will be effective upon receipt.
- 24. Governing Law: These Terms and Conditions will be governed and interpreted by the laws of the State of Illinois, United States of America, except if: (i) UL Contracting Party's principal place of business is Asia, Australia, or New Zealand, then Singapore law, and (ii) UL Contracting Party's principal place of business is Europe, then Swiss law, without reference to the applicable jurisdiction's choice of law principales.
- 25. Disputes. Any dispute or disagreement, other than nonpayment of fees, relating to these Terms and Conditions or the Services, will be settled by confidential, binding arbitration administered by the International Centre for Dispute Resolution of the American Arbitration Association ("AAA") pursuant to the AAA Commercial Arbitration Rules and the Procedures for Large, Complex Commercial Disputes. The arbitration venue will be Chicago, Illinois, except if: (i) UL Contracting Party's principal place of business is in Europe, the venue will be Geneva, Switzerland, and (ii) UL Contracting Party's principal place of business is in Saia, Australia, or New Zealand, the venue will be Singapore, Republic of Singapore. The arbitration will be conducted before a panel of three (3) arbitrators. The arbitrators have arbitrators are arbitrators are arbitrators. The arbitrators are arbitrators are arbitrators. Complex Commercial Disputes). From this list, both parties will each choose one arbitrator. After they have been notified of their panel selection, the two (2) arbitrators will agree on a third arbitrator from the list of ten (10), who will be the chair of the panel, and the panel will be final. The decision of the majority of the arbitrators will be the panel's decision. The arbitrators will and thave the authority to add, change, or disregard any term of these Terms and Conditions to award incidental, consequential, or punitive damages (including, but not limited to, loss of use, unjust enrichment, and/or lost profits), or exceed the remedies provided by the limitation of liability of these Terms and Conditions. The panel's decision will be be panel's decision will be enriched by a court of competent jurisdiction. Arbitration will be the final remedy for any dispute between the parties arising out of these Terms and Conditions, provided, however, that nothing herein will prevent either party from seeking a court order for injunctive relief (in addition to other remedies) to stop or prevent misuse or misappropria
- 26. Severability. If any section of these Terms and Conditions is held invalid, void, or unenforceable for any reason that section will be severed, and all other sections of these Terms and Conditions will remain valid to the extent permissible under law.
- 27. Modifications. These Terms and Conditions are the entire and complete agreement between the parties and supersede any other communications, representations, or agreements with respect to its subject matter. Under no circumstances will any preprinted, additional, or different terms and conditions on your requests for quotation, purchase orders, invoices, sales or marketing materials, emails, any acceptance communications, or other business documents apply to any Services or Quotation or bind us in any manner. Modifications that have not been made by us or that have not been accepted by us in a written or emailed confirmation from us are not accepted by us, and commencement of performance will not signify acceptance by us of any such modifications. Any such modifications are excluded from our agreement, and such modifications will not be a binding agreement on us.
- 28. Order of Precedence. Except for conflicts with Section 3 (Payment Terms), Section 5 (Estimated Schedule and Price) and Section 10 (Cancellation Fees), these Terms and Conditions will take precedence over any conflicting terms in any Quotation.
- 29. Electronic Signature. These Terms and Conditions may be executed and delivered by facsimile, PDF, or by means of other electronic signature. Our electronic, digital, or hard copies of these Terms and Conditions, your acceptance, and Quotations as signed, or otherwise accepted, by you will be the true, complete, valid, authentic, and enforceable copies of these documents. You agree that you will not contest the admissibility or enforceability of our copies in a court or any proceeding arising out of such documents.
- 30. Force Majeure. Neither party will be liable for any failure or delay in the performance of its obligations due to fire, flood, earthquake, governmental actions, epidemics, elements of nature, or acts of God, acts of war, terrorism, riots, civil disorder, rebellions, or other similar cause beyond the reasonable control of the party affected, provided such default or delay: (i) could not have been prevented by reasonable precautions; (ii) cannot reasonably be circumvented; (iii) and the party hindered or delayed immediately notifies the other party describing the circumstance causing delay.