

## Test report

24W-000900



## Overall result PASS with information

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

## Client information

Client: SPECTOR & CO.

Address: 5700 rue Kieran, Montréal, Quebec H4S

2B5 Canada



## Sample information

Description: 340Z/1000 ML 100% TRITAN BOTTLE WITH A MATTE

Assortment: BLK/WHT/GRY/GRN

Item no./name: DW104 Purchase order #: PO 72822/72848/

73002/73105

Item class: ORA Factory/supplier: USS049

Country of origin: China Labeled age grade: Country of distribution: Canada, United States Tested age grade: -

Quantity submitted: 4 colors

## General information

Sample receipt date: 15-Jan-2024 Report date: 24-Jan-2024

Testing period: 17-Jan-2024 to 24-Jan-2024

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

**Chemical Laboratory Supervisor** 





## **Result summary**

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

Test(s) conducted	Conclusion
California Proposition 65, Total Lead in Paints and Surface Coatings	PASS
California Proposition 65, Total Lead in Substrate Materials	PASS
Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead in Stickers, Films and Surface Coating Materials	PASS
Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content	PASS
California Proposition 65, Total Cadmium in Paints and Surface Coatings	PASS
California Proposition 65, Total Cadmium in Substrate Materials	PASS
Canadian Surface Coating Materials Regulations SOR/2016-193, Total Mercury in Paints and Surface Coatings	PASS
Client's requirement, Total Nickel content	Information only
Client's Requirement, Total Tungsten content	Information only
Client's requirement, Bisphenol A content	PASS
CPSC 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
Client's Requirement, Phthalates content	PASS
FDA 21 CFR 177.1210, Closures with Sealing Gaskets	PASS
FDA 21 CFR 177.1520, Polypropylene Homopolymers	PASS
FDA 21 CFR 177.2420, Polyester Resins, Cross-Linked	PASS
FDA 21 CFR 177.2600, Rubber	PASS





## California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	11	24				Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND				90
Conclusion	PASS	PASS				

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/kg)

#### Remark:

The specification is quoted from client's requirement.

Specimen No.	Tr	Transferred from				
	Report No.	Specimen No.	Date of Issue			
11	23W-014432	11	26-Oct-2023			
24	23W-017519	24	13-Dec-2023			





## California Proposition 65, Total Lead in Substrate Materials

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+3+5	2	4+9+10	6+7	8+17	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12+13+14	15+16	18+19+20	21+22	23	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.

Chasiman Na	Transferre	ed from	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue	
1+3+5	23W-014432	1+3+5	26-Oct-2023	
2	23W-014432	2	26-Oct-2023	
4+9+10	23W-014432	4+9+10	26-Oct-2023	
6+7	23W-014432	6+7	26-Oct-2023	
8+17	23W-014432	8+17	26-Oct-2023	
12+13+14	23W-014432	12+13+14	26-Oct-2023	
15+16	23W-014432	15+16	26-Oct-2023	
18+19+20	23W-017519	18+19+20	13-Dec-2023	
21+22	23W-017519	21+22	13-Dec-2023	
23	23W-017519	23	13-Dec-2023	





## California Proposition 65, Total Lead in Substrate Materials

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.	25+26+27	28+29	30			Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND			100
Conclusion	PASS	PASS	PASS			

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.





## Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead in Stickers, Films and Surface Coating Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	11	24				Total
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				90
Conclusion	PASS	PASS				

Note:

mg/kg=Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

Specimen No.	Transferr	ed from	Data of Issue
	Report No.	Specimen No.	Date of Issue
11	23W-014432	11	26-Oct-2023
24	23W-017519	24	13-Dec-2023





## Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+3+5	2	4+9+10	6+7	8+17	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12+13+14	15+16	18+19+20	21+22	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	23	24	25+26+27	28+29	30	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg=Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

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

Specimen No.	Tr	Transferred from		
	Report No.	Specimen No.	Date of Issue	
1+3+5	23W-014432	1+3+5	26-Oct-2023	
2	23W-014432	2	26-Oct-2023	
4+9+10	23W-014432	4+9+10	26-Oct-2023	
6+7	23W-014432	6+7	26-Oct-2023	
8+17	23W-014432	8+17	26-Oct-2023	
11	23W-014432	11	26-Oct-2023	
12+13+14	23W-014432	12+13+14	26-Oct-2023	
15+16	23W-014432	15+16	26-Oct-2023	
18+19+20	23W-017519	18+19+20	13-Dec-2023	
21+22	23W-017519	21+22	13-Dec-2023	
23	23W-017519	23	13-Dec-2023	
24	23W-017519	24	13-Dec-2023	





## **California Proposition 65, Total Cadmium in Paints and Surface Coatings**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	11	24				Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND				75
Conclusion	PASS	PASS				

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

#### Remark:

The specification is quoted from client's requirement.

Specimen No.	Tr	Transferred from		
	Report No.	Specimen No.	Date of Issue	
11	23W-014432	11	26-Oct-2023	
24	23W-017519	24	13-Dec-2023	





## 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+3+5	2	4+9+10	6+7	8+17	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12+13+14	15+16	18+19+20	21+22	23	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.

Specimen No	Transferre	ed from	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue	
1+3+5	23W-014432	1+3+5	26-Oct-2023	
2	23W-014432	2	26-Oct-2023	
4+9+10	23W-014432	4+9+10	26-Oct-2023	
6+7	23W-014432	6+7	26-Oct-2023	
8+17	23W-014432	8+17	26-Oct-2023	
12+13+14	23W-014432	12+13+14	26-Oct-2023	
15+16	23W-014432	15+16	26-Oct-2023	
18+19+20	23W-017519	18+19+20	13-Dec-2023	
21+22	23W-017519	21+22	13-Dec-2023	
23	23W-017519	23	13-Dec-2023	





## 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.	25+26+27	28+29	30			Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND			75
Conclusion	PASS	PASS	PASS			

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.





## Canadian Surface Coating Materials Regulations SOR/2016-193, Total Mercury in Paints and Surface Coatings

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	11	24				Total
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Mercury (Hg)	ND	ND				10
Conclusion	PASS	PASS				

Note:

mg/kg=Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 10 mg/kg)

Specimen No.	Transferre	ed from	Data of Issue
	Report No.	Specimen No.	Date of Issue
11	23W-014432	11	26-Oct-2023
24	23W-017519	24	13-Dec-2023





## Client's requirement, Total Nickel content

Test Method: US EPA 3052:1996 & US EPA 6010D:2014

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2					Limit
Test Item	Result	Result	Result	Result	Result	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(***8/**8/
Total Nickel (Ni)	76456					NA
Conclusion	Information only					

Note:

mg/kg = Milligrams per kilogram

ND = Not detected (report limit = 30 mg/kg)

NA = Not applicable

Specimen No.	Transferre	Data of Issue	
	Report No.	Specimen No.	Date of Issue
2	23W-014432	2	26-Oct-2023





## Client's Requirement, Total Tungsten content

Test Method: US EPA 3052:1996 & US EPA 6010D:2014

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2					Limit
Test Item	Result	Result	Result	Result	Result	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	. 0. 0.
Total Tungsten (W)	18					NA
Conclusion	Information only					

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

NA = Not applicable

Specimen No.	Transferre	Data of Issue	
	Report No.	Specimen No.	Date of Issue
2	23W-014432	2	26-Oct-2023





## Client's requirement, Bisphenol A content

Test Method: In-House Method

Analytical Method: Liquid Chromatography-Mass Spectrometer Mass Spectrometer (LC-MS/MS)

Specimen No.		4	5	7	9	Client's limit
Test Item CAS No	CAS No	Result	Result	Result	Result	(mg/kg)
	CAS NO.	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(1118718)
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	Not Detected
Conclus	sion	PASS	PASS	PASS	PASS	

Specimen No.		14	16	20	22	Client's limit
Test Item CAS No.	CAS No.	Result	Result	Result	Result	(mg/kg)
	CAS NO.	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(****6)
Bisphenol A (BPA) 80	80-05-7	ND	ND ND	ND	ND	Not
	00 05 7	ND				Detected
Conclus	sion	PASS	PASS	PASS	PASS	

Specime	n No.	27	29			Client's limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Bisphenol A (BPA)	80-05-7	ND	ND			Not Detected
Conclus	ion	PASS	PASS			

Note:

mg/kg=milligram per kilogram

ND=Not Detected (Reporting limit = 1.0mg/kg)

Chariman Na	Transferre	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
4	23W-014432	4	26-Oct-2023
5	23W-014432	5	26-Oct-2023
7	23W-014432	7	26-Oct-2023
9	23W-014432	9	26-Oct-2023
14	23W-014432	14	26-Oct-2023
16	23W-014432	16	26-Oct-2023
20	23W-017519	20	13-Dec-2023
22	23W-017519	22	13-Dec-2023





# CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	1+3+5	4+9+10	6+7	8+17	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion	1	PASS	PASS	PASS	PASS	

## Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

Specimen No.	Transferr	Data of Issue	
	Report No.	Specimen No.	Date of Issue
1+3+5	23W-014432	1+3+5	26-Oct-2023
4+9+10	23W-014432	4+9+10	26-Oct-2023
6+7	23W-014432	6+7	26-Oct-2023
8+17	23W-014432	8+17	26-Oct-2023





# CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	11	12+13+14	15+16	18+19+20	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion	1	PASS	PASS	PASS	PASS	

## Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

Specimen No.	Transferre	Date of Issue	
	Report No.	Specimen No.	Date of issue
11	23W-014432	11	26-Oct-2023
12+13+14	23W-014432	12+13+14	26-Oct-2023
15+16	23W-014432	15+16	26-Oct-2023
18+19+20	23W-017519	18+19+20	13-Dec-2023





# CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	21+22	23	24	25+26+27	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion	1	PASS	PASS	PASS	PASS	

## Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

Specimen No.	Transferre	Data of Issue					
	Report No.	Specimen No.	Date of Issue				
21+22	23W-017519	21+22	13-Dec-2023				
23	23W-017519	23	13-Dec-2023				
24	23W-017519	24	13-Dec-2023				





# CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	28+29	30			Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND			1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND			1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND			1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND			1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND			1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND			1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND			1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND			1000
Conclusion	1	PASS	PASS			

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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





## California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+3+5	4+9+10	6+7	8+17	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion	1	PASS	PASS	PASS	PASS	

## Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.

Cassimon No	Transf	Transferred from		
Specimen No.	Report No.	Specimen No.	Date of Issue	
1+3+5	23W-014432	1+3+5	26-Oct-2023	
4+9+10	23W-014432	4+9+10	26-Oct-2023	
6+7	23W-014432	6+7	26-Oct-2023	
8+17	23W-014432	8+17	26-Oct-2023	





## California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	11	12+13+14	15+16	18+19+20	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion	1	PASS	PASS	PASS	PASS	

## Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.

Cassimon No	Transferre	ed from	Date of Issue	
Specimen No.	Report No.	leport No. Specimen No.		
11	23W-014432	11	26-Oct-2023	
12+13+14	23W-014432	12+13+14	26-Oct-2023	
15+16	23W-014432	15+16	26-Oct-2023	





## California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	21+22	23	24	25+26+27	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion	1	PASS	PASS	PASS	PASS	

## Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.

Cnasimon No	Transferre	ed from	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue	
21+22	23W-017519	21+22	13-Dec-2023	
23	23W-017519	23	13-Dec-2023	
24	23W-017519	24	13-Dec-2023	





## California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	28+29	30			Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND			1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND			1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND			1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND			1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND			1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND			1000
Conclusion	1	PASS	PASS			

#### Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

#### Remark:

The specification is quoted from client's requirement.





## Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No	D.	1+3+5	4+9+10	6+7	8+17	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

#### Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

Specimen No.	Transferr	ed from	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue	
1+3+5	23W-014432	1+3+5	26-Oct-2023	
4+9+10	23W-014432	4+9+10	26-Oct-2023	
6+7	23W-014432	6+7	26-Oct-2023	
8+17	23W-014432	8+17	26-Oct-2023	





## Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No	0.	11	12+13+14	15+16	18+19+20	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	1000
Conclusion	1	PASS	PASS	PASS	PASS	

## Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

Specimen No.	Transferre	ed from	Date of Issue	
	Report No.	Specimen No.		
11	23W-014432	11	26-Oct-2023	
12+13+14	23W-014432	12+13+14	26-Oct-2023	
15+16	23W-014432	15+16	26-Oct-2023	





## Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No	0.	21+22	23	24	25+26+27	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	1000
Conclusion	l	PASS	PASS	PASS	PASS	

#### Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

Specimen No.	Transferre	Date of Issue	
	Report No.	Specimen No.	Date of issue
21+22	23W-017519	21+22	13-Dec-2023
23	23W-017519	23	13-Dec-2023
24	23W-017519	24	13-Dec-2023





## Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	28+29	30			Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND			1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND			1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND			1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND			1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND			1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND			1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND			1000
Diethyl phthalate (DEP)	84-66-2	ND	ND			1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND			1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND			1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND			1000
Conclusion	1	PASS	PASS			

#### Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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





## FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210

Specimen No.			9		
Tost Itam	Test Condition		Dogult	RL	Limit
Test Item	Temp.	Duration	Result		
Distilled water extractive (mg/kg)	Fill boiling	Cooling to 100°F	ND	10	50
n-Heptane extractive (mg/kg)	120°F	0.25 hours	ND	10	50
Conclusion			PASS		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

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

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.1210 Table 2 Section 3.

Specimen No.	Transferre	Data of Issue	
	Report No.	Specimen No.	Date of Issue
9	23W-014432	9	26-Oct-2023





## FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specim	Specimen No.				
To at the sec	Test C	Condition	Result	RL	Limit
Test Item	Temp.	Duration	Result		
Density (g/cc)	NA	NA	0.897	NA	0.880 –
Density (g/cc)	INA	IVA	0.837		0.913
Melting point (°C)	NA	NA	167	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.4	0.1	6.4
Xylene extractive (% w/w)	Reflux	2 hours	1.7	0.5	9.8
Conclu	Conclusion				

Specimen No.			14		
T I II	Test C	Condition	Result	RL	Limit
Test Item	Temp.	Duration	Result		
Density (g/cc)	NA	NA	0.900	NA	0.880 –
Delisity (g/cc)	INA	IVA	0.900		0.913
Melting point (°C)	NA	NA	164	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.5	0.1	6.4
Xylene extractive (% w/w)	Reflux	2 hours	1.8	0.5	9.8
Concl	usion		PASS		

#### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

## Remark:

The specification is quoted from 21 CFR 177.1520 (c) 1.1.

Specimen No.	Transferre	Date of Issue	
	Report No.	Specimen No.	Date of Issue
5	23W-014432	5	26-Oct-2023
14	23W-014432	14	26-Oct-2023





## FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specim	Specimen No.				
Took like us	Test 0	Condition	Result	RL	Limit
Test Item	Temp.	Duration	Result		
Density (g/cc)	NA	NA	0.906	NA	0.880 –
Density (g/cc)	IVA	IVA	0.900		0.913
Melting point (°C)	NA	NA	158	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.5	0.1	6.4
Xylene extractive (% w/w)	Reflux	2 hours	2.9	0.5	9.8
Conclu	Conclusion				

Specimen No.			27		
To all the co	Test (	Condition	Posult	RL	Limit
Test Item	Temp.	Duration	Result		
Density (g/cc)	NA	NA	0.895	NA	0.880 -
Delisity (g/cc)	IVA	IVA	0.833		0.913
Melting point (°C)	NA	NA	163	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.4	0.1	6.4
Xylene extractive (% w/w)	Reflux	2 hours	1.7	0.5	9.8
Conc	usion		PASS		

#### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

## Remark:

The specification is quoted from 21 CFR 177.1520 (c) 1.1.

Specimen No.	Transferre	Data of Issue	
	Report No.	Specimen No.	Date of Issue
20	23W-017519	20	13-Dec-2023





## FDA 21 CFR 177.2420, Polyester Resins, Cross-Linked

Test Method: FDA 21 CFR 177.2420

Specimen No.			7		
Test Item	Test Condition		Decult	RL	Limit
lest itelli	Temp.	Duration	Result		
Distilled water extractive (mg/in²)	Fill boiling	Cooling to 100°F	ND	0.01	0.1
n-Heptane extractive (mg/in²)	120°F	0.25 hours	ND	0.01	0.1
Conclusion			PASS		

Specimen No.			16		
To at Italia	Test Condition		Darrit	RL	Limit
Test Item	Temp.	Duration	Result		
Distilled water extractive (mg/in²)	Fill boiling	Cooling to 100°F	ND	0.01	0.1
n-Heptane extractive (mg/in²)	120°F	0.25 hours	ND	0.01	0.1
Conclusion			PASS		

#### Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.2420 (c).

Specimen No.	Transferre	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
7	23W-014432	7	26-Oct-2023
16	23W-014432	16	26-Oct-2023





## FDA 21 CFR 177.2420, Polyester Resins, Cross-Linked

Test Method: FDA 21 CFR 177.2420

Specimen No.			22		
Test Item	Test Condition		Result	RL	Limit
rest item	Temp.	Duration	Result		
Distilled water extractive (mg/in²)	Fill boiling	Cooling to 100°F	ND*	0.01	0.1
n-Heptane extractive (mg/in²) 120°F 0.25 hours		ND*	0.01	0.1	
Conclusion			PASS		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.2420 (c).

Specimen No	Transferre	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
22	23W-017519	22	13-Dec-2023



<sup>\*</sup>The chloroform-soluble extractive analysis was conducted.



## FDA 21 CFR 177.2420, Polyester Resins, Cross-Linked

Test Method: FDA 21 CFR 177.2420

Specimen No.			29		
Test Item	Test Condition		Result	RL	Limit
lest item	Temp.	Duration	Result		
Distilled water extractive (mg/in²)	Fill boiling	Cooling to 100°F	ND	0.01	0.1
n-Heptane extractive (mg/in²) 120°F 0.25 hours		0.02	0.01	0.1	
Conclusion			PASS		

Note:

Temp. = Temperature °F = Degree Fahrenheit mg/in² = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.2420 (c).





## FDA 21 CFR 177.2600, Rubber

Test Method: FDA 21 CFR 177.2600

Specimen No.			4		
Test Item	Test Condition		Result	RL	Limit
lest item	Temp.	Duration	Result		
Distilled water extractive (mg/in²)	Reflux	First	ND	2	20
Distilled water extractive (Hig/III)	Reliux	7 hours			
Distilled water extractive (mg/in²)	Reflux	Succeeding	ND	0.1	1
Distilled water extractive (Hig/III )		2 hours		0.1	1
n-Hexane extractive (mg/in²)	Reflux	First	16.6	15	175
II-nexalle extractive (IIIg/III )		7 hours		15	1/5
n Hayana autractiva (mg/in²)	Doffun	Succeeding	1.0	0.4	4
n-Hexane extractive (mg/in²)	Reflux	2 hours		0.4	4
Conclusion			PASS		

Note:

Temp. = Temperature

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.2600 (e) and 177.2600 (f).

Consisson No.	Transferred from		Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue	
4	23W-014432	4	26-Oct-2023	





## Specimen description

Specimen #	Specimen description	Location
1	White plastic	Handle (white style)
2	Silvery metal	Handle axis (white style)
3	Transparent plastic	Outer lid (white style)
4	Translucent soft plastic	Stopper of outer lid (white style)
5	White plastic	Lid (white style)
6	White plastic	Lid button (white style)
7	Translucent plastic	Main body (white style)
8	White soft plastic	Ring (white style)
9	Translucent soft plastic	Sealing ring (white style)
10	Translucent soft plastic	Lid joint (white style)
11	Silvery coating	Main body pattern (all styles)
12	Black plastic	Handle (black style)
13	Transparent black plastic	Outer lid (black style)
14	Black plastic	Lid (black style)
15	Black plastic	Lid button (black style)
16	Translucent black plastic	Main body (black style)
17	Black soft plastic	Ring (black style)
18	Grey plastic	Handle (grey style)
19	Transparent celadon plastic	Outer lid (grey style)
20	Grey plastic	Lid (grey style)
21	Grey plastic	Lid button (grey style)
22	Translucent grey plastic	Main body (grey style)
23	Grey soft plastic	Ring (grey style)
24	White coating	Main body pattern (grey style)
25	Army green plastic	Handle (army green style)
26	Transparent army green plastic	Outer lid (army green style)
27	Army green plastic	Lid (army green style)
28	Army green plastic	Lid button (army green style)
29	Translucent army green plastic	Main body (army green style)
30	Army green soft plastic	Ring (army green style)





## **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. (<a href="https://www.qima.com/conditions-of-service#decisionRule">https://www.qima.com/conditions-of-service#decisionRule</a>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.

