

Test report

24W-000441



Verify Report

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: CHEESE PLATTER KIT
Assortment: NAT
Item no./name: EC133
Item class: Spector Home
Country of origin: China
Country of distribution: Canada, United States
Quantity submitted: 7 sets

Purchase order #: -
Factory/supplier: USN015
Labeled age grade: -
Tested age grade: -

General information

Sample receipt date: 08-Jan-2024
Testing period: 09-Jan-2024 to 17-Jan-2024

Report date: 17-Jan-2024

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu
Chemical Laboratory Supervisor



Verify Report



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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
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 CPG 545.400 & CPG 545.450, Leachable Cadmium and Lead from Ceramics – Interior	PASS
California Proposition 65, Leachable Lead and Cadmium from Food Contact Articles – Interior	PASS
Massachusetts Regulation 105 CMR 460.000 Lead Poisoning Prevention and Control – Leachable Lead from Ceramics – Interior	PASS
FDA GRAS Specifications, Total Chromium in Stainless Steel Food Contact Utensils	PASS



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Detailed results

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.	5	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	90
Conclusion	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.



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Detailed results

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	2	3	4	6	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	8	9	10	11	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	100
Conclusion	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.





Detailed results

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.	5	---	---	---	---	Total Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	90
Conclusion	PASS	---	---	---	---	

Note:

mg/kg=Milligrams per kilogram

LT = Less than

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



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Detailed results

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	2	3	4	5	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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)





Detailed results

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.	5	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	75
Conclusion	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.



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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.	1	2	3	4	6	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	8	9	10	11	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	75
Conclusion	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.





Detailed results

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.	5	---	---	---	---	Total Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Mercury (Hg)	ND	---	---	---	---	10
Conclusion	PASS	---	---	---	---	

Note:

mg/kg=Milligrams per kilogram

LT = Less than

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





Detailed results

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.	1+2+3	4+6+7	8+9	10+11	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Nickel (Ni)	850	64947	1527	1769	---	NA
Conclusion	Information only	Information only	Information only	Information only	---	

Note:

mg/kg = Milligrams per kilogram

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

NA = Not applicable

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



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Detailed results

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.	1+2+3	4+6+7	8+9	10+11	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Tungsten (W)	ND	66	ND	ND	---	NA
Conclusion	Information only	Information only	Information only	Information only	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

NA = Not applicable

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



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Detailed results

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

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 150 mg/kg)





Detailed results

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

Remark:
The specification is quoted from client's requirement.





Detailed results

Client's Requirement, Phthalates content

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

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





Detailed results

FDA CPG 545.400 & CPG 545.450, Leachable Cadmium and Lead from Ceramics – Interior

Test Method: ASTM C738-94(Reapproved 2020)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	12-A	12-B	12-C	12-D	12-E	12-F	Average (mg/L)	Limit (mg/L)
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)		
Volume of acid used (mL)	450	450	450	450	450	450		
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	3.0
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	0.5
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres

mg/L (Milligrams per litre) = ppm (Parts per million)

NA = Not applicable

LT = Less than

ND = Not detected (Reporting Limit: Pb = 0.1 mg/L; Cd = 0.02 mg/L)

Category		Leachable Pb (mg/L)	Leachable Cd (mg/L)
	Cups and Mugs (Any of 6)	0.5	0.5
X	Flatware (Average of 6)	3.0	0.5
	Large Hollowware (Any of 6)	1.0	0.25
	Small Hollowware (Any of 6)	2.0	0.5
	Pitchers (Any of 6)	0.5	0.25





Detailed results

California Proposition 65, Leachable Lead and Cadmium from Food Contact Articles – Interior

Test Method: ASTM C738-94(Reapproved 2020)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	12-A	12-B	12-C	12-D	12-E	12-F	Average (mg/L)	Limit (mg/L)
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)		
Volume of acid used (mL)	450	450	450	450	450	450		
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	0.226
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	0.5
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres
mg/L (Milligrams per litre) = ppm (Parts per million)
NA = Not applicable
LT = Less than
ND = Not detected (Reporting Limit: Pb = 0.1 mg/L; Cd = 0.02 mg/L)

	Category	Leachable Pb (mg/L)	Leachable Cd (mg/L)
	Cups and Mugs (Any of 6)	0.100	0.189
X	Flatware (Average of 6)	0.226	0.5
	Large Hollowware (Any of 6)	0.100	0.049
	Small Hollowware (Any of 6)	0.100	0.189
	Pitchers (Any of 6)	0.100	0.049





Detailed results

Massachusetts Regulation 105 CMR 460.000 Lead Poisoning Prevention and Control – Leachable Lead from Ceramics – Interior

Test Method: ASTM C738-94(Reapproved 2020)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	12-A	12-B	12-C	12-D	12-E	12-F	Average (mg/L)	Limit (mg/L)
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)		
Volume of acid used (mL)	450	450	450	450	450	450		
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	2
Conclusion							PASS	

Note:

mL = Millilitre
mg/L (Milligrams per litre) = ppm (Parts per million)
NA = Not applicable
LT = Less than
ND = Not detected (Reporting Limit: Pb = 0.2 mg/L)





Detailed results

FDA GRAS Specifications, Total Chromium in Stainless Steel Food Contact Utensils

Test Method: SN/T 2718-2010
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	13.35	---	---	---	---	GT 10.5
Conclusion	PASS	---	---	---	---	

Note:

% m/m = Percent by mass

GT = Greater than



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Specimen description

Specimen #	Specimen description	Location
1	Silvery metal	Fork
2	Silvery metal	Fork base
3	Silvery metal	Plank nut
4	Silvery metal	Plank screw
5	Transparent lacquer	Raw material
6	Silvery metal	Bottle opener
7	Silvery metal	Drill
8	Silvery metal	Knife with teeth
9	Silvery metal	Tool pedestal
10	Silvery metal	Tool rivet
11	Silvery metal	Rivet of bottle opener
12	Transparent glass	Glass board



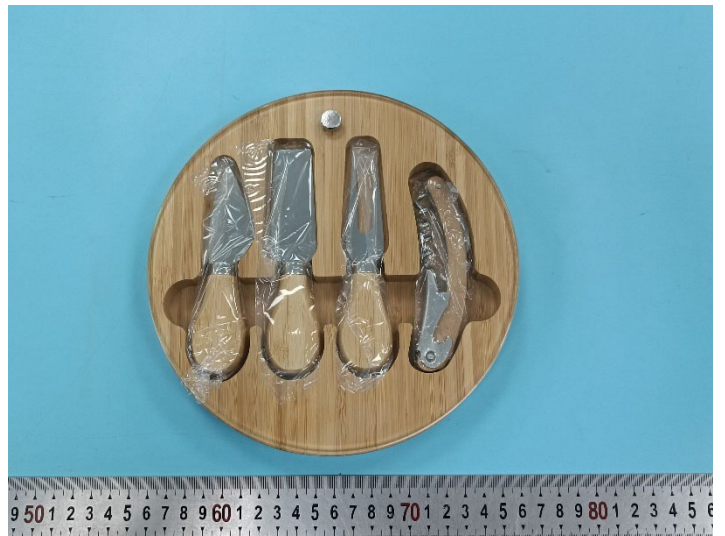
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Pictures

Sample photo:



End of the report

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



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