

TEST REPORT

Test Report # 23W-001430 Date of Report Issue: February 27, 2023
Date of Sample Received: February 13, 2023 Pages: Page 1 of 16

CLIENT INFORMATION:

Company: Polyconcept GBS
Recipient: Kathy Lu
Recipient Email: kathy.lu@polyconceptgbs.com



SAMPLE INFORMATION:

Description: Modesto Picnic Carrier Set
Article No.: 1450-07BK Purchase Order Number: 2012411
Factory No.: 12419 Toy Co./Agency: -
Vendor No.: 11342 Country of Origin: China
Country of Distribution: Canada, United States Labeled Age Grade: -
Quantity Submitted: 2 sets Requested Age Grade: -
Testing Period: 02/17/2023-02/22/2023 Tested Age Grade: -

OVERALL RESULT:

PASS

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

QIMA (HANGZHOU) TESTING CO., LTD.

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TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	Client's requirement, Bisphenol A content
PASS	Client's Requirement, Phthalates content
PASS	FDA GRAS Specifications, Total Chromium in Stainless Steel Food Contact Utensils
PASS	FDA 21 CFR 175.300, Resinous and Polymeric Coatings
PASS	FDA 21 CFR 178.3800, Preservatives for Wood – Pentachlorophenol (PCP)
PASS	SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile
PASS	Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin
PASS	19 CFR 134.11, Country of Origin



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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.	1+14	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	45	---	---	---	---	90
Conclusion	PASS	---	---	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 15mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

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



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.	2	3	4+5	6	7+8	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	25	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	9	10	11	12	15	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	

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.



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+14	2	3	4+5	6	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	45	25	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7+8	9	10	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	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	15	---	---	---	---	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)
 Composite results are based on specimen of least mass resulting in highest potential concentration.



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DETAILED RESULTS:

Client's requirement, Bisphenol A content

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

Specimen No.	14	---	---	---	Client's limit (mg/kg)
Test Item CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Bisphenol A (BPA) 80-05-7	ND	---	---	---	Not Detected
Conclusion	PASS	---	---	---	

Note:
 mg/kg=milligram per kilogram
 ND=Not Detected(Reporting limit = 1.0mg/kg)



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DETAILED RESULTS:

Client's Requirement, Phthalates content

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

Specimen No.		1+14	3	6	9	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	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	180	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-octyl phthalate (DnOP)	117-84-0	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		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.



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DETAILED RESULTS:

Client's Requirement, Phthalates content

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

Specimen No.		10	15	---	---	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	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-octyl phthalate (DnOP)	117-84-0	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		PASS	PASS	---	---	

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



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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.	11	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	11.88	---	---	---	---	GT 10.5
Conclusion	PASS	---	---	---	---	

Note:
 % m/m = Percent by mass
 GT = Greater than



DETAILED RESULTS:

FDA 21 CFR 175.300, Resinous and Polymeric Coatings

Test Method: FDA 21 CFR 175.300

Specimen No.		13		RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in ²)	Fill boiling	Cooling to 100°F	ND	0.1	18
n-Heptane extractive (mg/in ²)	120°F	0.25 hours	ND	0.1	18
8% Ethanol extractive (mg/in ²)	Fill boiling	Cooling to 100°F	ND	0.1	18
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 175.300 (c) (3).



DETAILED RESULTS:

FDA 21 CFR 178.3800, Preservatives for Wood – Pentachlorophenol (PCP)

Test Method: Refer to CEN/TR 14823:2003
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	13	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Pentachlorophenol (PCP)	ND	---	---	---	---	50
Conclusion	PASS	---	---	---	---	

Note:
 mg/kg (Milligrams per kilogram)=ppm (Parts per million)
 LT = Less than
 ND = Not detected (Reporting Limit = 1 mg/kg)

Remark:
 The specification is quoted from 21 CFR 178.3800(b).



DETAILED RESULTS:

SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	6				
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		Face Length
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
(6)	-	DNI	-	DNI	
(7)	-	DNI	-	DNI	
(8)	-	DNI	-	DNI	
(9)	-	DNI	-	DNI	
(10)	-	DNI	-	DNI	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50°C and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;



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DETAILED RESULTS:

Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin

Test Parameters	Observation
Goods imported into Canada shall be marked, stamped, branded or labelled in legible English or French words, in a conspicuous place that shall not be covered or obscured by any subsequent attachments or arrangements, so as to indicate the country of origin. It shall be as nearly indelible and permanent as the nature of the goods will permit.	Country of Origin Markings
Conclusion	PASS

19 CFR 134.11, Country of Origin

Test Parameters	Observation	Conclusion
Country of Origin	Present on product and is visible to the consumer at the point of sale.	PASS



SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black coating	Zipper head
2	Silvery metal	Zipper head
3	Black plastic	Zipper teeth
4	Black textile	Zipper cloth
5	Black textile	Inner edge
6	Black coated black textile	Main body/all pocket
7	Black textile	Handle
8	Black textile	Elastic
9	Dark grey soft plastic	Elastic
10	Black/red coated white label	Label
11	Silvery metal	Cheese machete/steak knife/steak fork/bottle opener/corkscrew/can opener/axis of can opener/knife/handle of bottle opener/clamping piece of bottle opener handle
12	Golden metal	Axis of cheese machete/steak knife/steak fork
13	Natural wood with transparent lacquer	Chopping board
14	Transparent lacquer	Chopping board/handle of cheese machete/handle of steak knife/handle of steak fork
15	Natural wood	Chopping board/handle of cheese machete/handle of steak knife/handle of steak fork



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SAMPLE PHOTO:



SAMPLE PHOTO:



-End Report-

