



Test Report

No. GSL20230228010 Date: Mar. 14,2023

Page 1 of 8

Applicant : CUSTOM PLASTIC SPECIALTIES,INC
Address : 5678 WEST RIDGE ROAD ERIE,PENNSYLVANIA 16506
Sample Description : ASPEN TUMBLER, STAINLESS STEEL ASPEN TUMBLER
Sample Received Date : FEB. 28,2023
Turn Around Time : FEB. 28,2023 TO MAR. 14,2023

Test Requested	Result
- Total Lead in Substrate - According to Consumer Product Safety Improvement Act 2008 (CPSIA)	PASS
- Total Lead in Substrate - According to California Proposition 65	PASS
- Phthalates Content - According to Consumer Product Safety Improvement Act 2008 (CPSIA)	PASS
- Phthalates Content - According to California Proposition 65	PASS
- Total Lead test - Canada Approved Consumer Products Containing Lead Regulations (SOR/2018-83)	PASS
- Phthalates Content - Phthalates Regulations(SOR/2016-188)	PASS
- BPA Content – US EPA 3550C:2007 and US EPA 8270D:2007	PASS
- FDA Compliance General Safety Certification (GRAS) for Food Contact Material Stainless Steel -Total Chromium (Cr) Content	PASS
- US FDA 21 CFR 177.1040 - for AS used in contact with food	PASS
- FDA Specifications 21 CFR 177.1520 - for polypropylene used in contact with food	PASS
- FDA Specifications 21 CFR 177.2600-for rubber used as the food-contact surface of articles.	PASS
- FDA Specifications 21 CFR 175.300-for resinous or polymeric coating used as the food-contact surface of articles.	PASS

*** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ***

Signed for and on behalf of
Greatesting Service Shanghai Co.,Ltd

Approve:Carp Quan
Position:Technical Supervisor



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Test Report

No. GSL20230228010 Date: Mar. 14,2023

Page 2 of 8

Sample Photo:



TO BE CONTINUED

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Test Report

No. GSL20230228010 Date: Mar. 14,2023

Page 3 of 8

Result:

1. Total Lead Content in Substrate (CPSIA)

Test Method: With reference to CPSC-CH-E 1002-08.3, analysis was performed by ICP-OES.									
Limit: According to Consumer Product Safety Improvement Act 2008 (CPSIA)									
Tested Item(s)	Unit	Test Result						M.D.L.	Limit
		1	2	3	4	5	6		
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100
Note: ND = not detected, less than M.D.L M.D.L. = method detection limit ppm = milligram per kilogram, mg/kg The sample(s) is (are) tested as specified by client.									

2. Total Lead Content in Substrate (CA65)

Test Method: With reference to CPSC-CH-E 1002-08.3, analysis was performed by ICP-OES.									
Limit: According to California proposition 65									
Tested Item(s)	Unit	Test Result						M.D.L.	Limit
		1	2	3	4	5	6		
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100
Note: ND = not detected, less than M.D.L M.D.L. = method detection limit ppm = milligram per kilogram, mg/kg The sample(s) is (are) tested as specified by client.									



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No. GSL20230228010 Date: Mar. 14,2023

Page 4 of 8

3. Phthalates Content (CPSIA)

Test method: CPSC-CH-C1001-09.4

Limit: According to Consumer Product Safety Improvement Act 2008 (CPSIA)

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result				
					2	3	4	5	6
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND
Diisobutylphthalate(DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND	ND	ND
Dicyclohexylphthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND
Di-n-pentylphthalate(DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND	ND	ND

Note:

M.D.L. = Method Detection Limit
 ND = Not detected, less than M.D.L.
 The sample(s) is (are) tested as specified by client.

4. Phthalates Content (CA 65)

Test method: CPSC-CH-C1001-09.4

Limit: According to California proposition 65

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result				
					2	3	4	5	6
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND

Note:

M.D.L. = Method Detection Limit
 ND = Not detected, less than M.D.L.
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Test Report

No. GSL20230228010 Date: Mar. 14,2023

Page 5 of 8

5. Total Lead test (Canada Approved Consumer Products Containing Lead Regulations(SOR/2018-83))

Test Method: analysis was performed by ICP-OES.

Limit: According to Toys Regulations (SOR/2018-83)

Tested Item(s)	Unit	Test Result						M.D.L.	Limit
		1	2	3	4	5	6		
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100

Note:

ND = not detected, less than M.D.L
M.D.L. = method detection limit
ppm = milligram per kilogram, mg/kg
The sample(s) is (are) tested as specified by client.

6. Phthalates Content (Phthalates Regulations(SOR/2016-188))

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result				
					2	3	4	5	6
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND	ND

Note:

M.D.L. = Method Detection Limit
ND = Not detected, less than M.D.L.
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Test Report

No. GSL20230228010 Date: Mar. 14,2023

Page 6 of 8

7. BPA Content

Test Method: US EPA 3550C:2007 and US EPA 8270D:2007							
Test equipment: Solvent extraction and quantification by gas chromatography-mass selective detector (GC-MS)							
Tested Item	Unit	Test Result					M.D.L.
		2	3	4	5	6	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	ND	1
Note: ND = not detected, less than M.D.L mg/kg = milligram per kilogram, ppm MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.							

8. Total Chromium (Cr) Content

Test Method: With reference to FDA standard, analysis was performed by ICP-OES			
Limit: in accordance with FDA Compliance General Safety Certification (GRAS)			
Test Item	Unit	Limit	Result
			1
Chromium (Cr)	%	≥16	18.24

9. US FDA 21 CFR 177.1040

Test method: With reference to FDA 21 CFR 177.1040			
Limit: Total nonvolatile extractable, Residual acrylonitrile monomer content			
Test Item(s)	Unit	Limit	Test result
			2
Residual acrylonitrile monomer content	mg/kg	80	ND
Total nonvolatile extractable in water (Reflux temperature,2h)	mg/in ²	2.0	0.035
Total nonvolatile extractable in 3% Acetic acid (Reflux temperature,2h)	mg/in ²	2.0	0.03
Note: ND = Not detected The sample(s) test method and standard are specified by client.			

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Page 7 of 8

10. FDA 21 CFR 177.2600

Test method: As specified in FDA 21 CFR 177.2600						
Limit: As specified by client, for compliance with the FDA Regulations for rubber used as the food-contact surface of articles.						
Test Item	Time	Unit	Limit	MDL	Test result	
					3	6
Water extractive at reflux temperature	7 hr	mg/inch ²	20	0.5	ND	ND
n-hexane extractives at reflux temperature	7 hr	mg/inch ²	175	0.5	ND	ND
Note: -ND = Not detected -MDL = Method Detection Limit - The sample(s) test method and standard are specified by client.						

11. 21 CFR 177.1520 for PP

Test method: With reference to FDA 21 CFR 177.1520				
Limit: In accordance with the FDA Regulations for polypropylene used in contact with food.				
Test Item(s)	Unit	Limit	MDL	Test result
				4
Extractable fraction in n-hexane at reflux temperature	w/w %	6.4	0.5	0.51
Soluble fraction in xylene at 25°C	w/w %	9.8	0.5	1.78
Density at 23°C ,	g/cm ³	0.88 - 0.913	---	0.792
Melting point	°C	160 - 180	---	165.1
Note: ND = Not detected MDL = Method Detection Limit The sample(s) test method and standard are specified by client.				

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Test Report

No. GSL20230228010 Date: Mar. 14,2023

Page 8 of 8

12. FDA 21 CFR 175.300

Test method: As specified in FDA 21 CFR 175.300					
Limit: As specified by client, for compliance with the FDA Regulations for resinous or polymeric coating used as the food-contact surface of articles.					
Test Item	Condition	Unit	Limit	MDL	Test result
					5
Distilled Water	120°F in 24.0 hr	mg/inch ²	18	1	ND
8% Alcohol	120°F in 24.0 hr	mg/inch ²	18	1	ND
n-Heptane	70°F in 0.5 hr	mg/inch ²	18	1	ND
Note: -ND = Not detected -MDL = Method Detection Limit - The sample(s) test method and standard are specified by client.					

Sample ID.	Test Part Description
1	Silver stainless steel inner
2	Transparent lid
3	Black TPR
4	Black PP
5	Black coating
6	Translucent silicone o-ring

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