



# Test Report

No. GSL20230214001      Date: Feb. 24,2023

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**Applicant** : CUSTOM PLASTIC SPECIALTIES,INC  
**Address** : 5678 WEST RIDGE ROAD ERIE,PENNSYLVANIA 16506  
**Sample Description** : PE PRODUCTS  
**Sample Received Date** : FEB. 14,2023  
**Turn Around Time** : FEB. 14,2023 TO FEB. 24,2023

Test Requested	Result
- Total Lead in Substrate - According to Consumer Product Safety Improvement Act 2008 (CPSIA)	<b>PASS</b>
- Total Lead in Substrate - According to California Proposition 65	<b>PASS</b>
- Phthalates Content - According to Consumer Product Safety Improvement Act 2008 (CPSIA)	<b>PASS</b>
- Phthalates Content - According to California Proposition 65	<b>PASS</b>
- Total Lead test - Canada Approved Consumer Products Containing Lead Regulations (SOR/2018-83)	<b>PASS</b>
- Phthalates Content - Phthalates Regulations(SOR/2016-188)	<b>PASS</b>
- BPA Content – US EPA 3550C:2007 and US EPA 8270D:2007	<b>PASS</b>
- FDA Specifications 21 CFR 177.1520 - For polyethylene used in contact with food	<b>PASS</b>

\*\*\* 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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## Sample Photo:



\*\*\*TO BE CONTINUED\*\*\*



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## 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			
Total Lead	ppm	ND		10	100
<b>Note:</b> 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			
Total Lead	ppm	ND		10	100
<b>Note:</b> 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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### 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
					1
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND
Diisobutylphthalate( DIBP)	84-69-5	%	0.1	0.005	ND
Dicyclohexylphthalate (DCHP)	84-61-7	%	0.1	0.005	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND
Di-n-pentylphthalate(DPENP)	131-18-0	%	0.1	0.005	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
					1
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	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.

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## 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		
		1	M.D.L.	Limit
Total Lead	ppm	ND	10	100
<b>Note:</b> 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
					1
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND
<b>Note:</b> M.D.L. = Method Detection Limit ND = Not detected, less than M.D.L. The sample(s) is (are) tested as specified by client.					

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## 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.
		1		
Bisphenol A (BPA)	mg/kg	ND		1
<b>Note:</b> 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. 21 CFR 177.1520 for PE

Test method: With reference to FDA 21 CFR 177.1520				
Limit: In accordance with the FDA Regulations for polyethylene used in contact with food.				
Test Item(s)	Unit	Limit	MDL	Test result
				1
Density at 23°C ,	g/cm <sup>3</sup>	0.85 - 1.000	---	0.925
Extractable fraction in n-hexane at 50°C	w/w %	5.5	0.5	ND
Soluble fraction in xylene at 25°C	w/w %	11.3	0.5	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.				

Sample ID.	Test Part Description
1	Black cup

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