



# Test Report

No. GSL20220621107      Date: Jul,11,2022

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**Applicant** : CUSTOM PLASTIC SPECIALTIES,INC  
**Address** : 5678 WEST RIDGE ROAD ERIE,PENNSYLVANIA 16506  
**Sample Description** : 48G PREFORMS/38G PREFORMS/90G PREFORMS/  
 22G PREFORMS/48G LOW PREFORMS  
**Sample Received Date** : JUN, 21,2022  
**Turn Around Time** : JUN, 21,2022 TO JUL, 11,2022

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 Specifications 21 CFR 177.1630 - for Polyethylene terephthalate polymers in contact with food	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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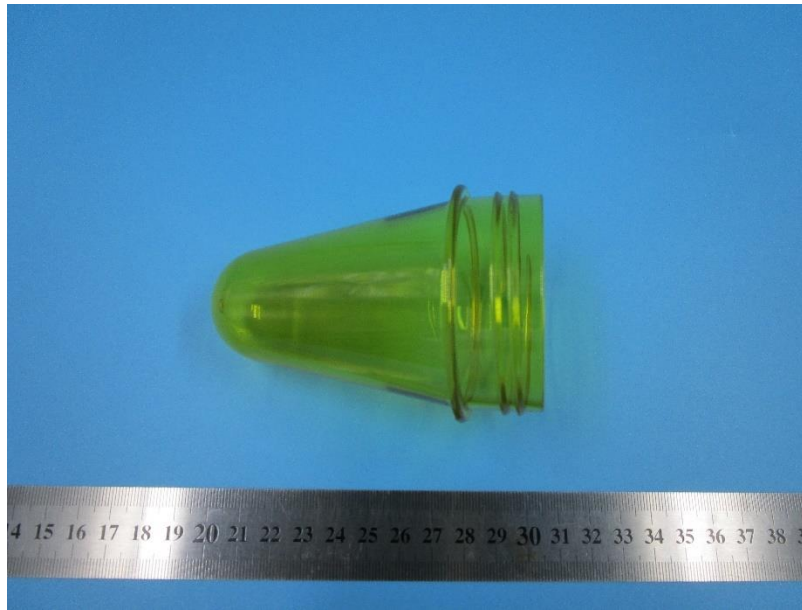


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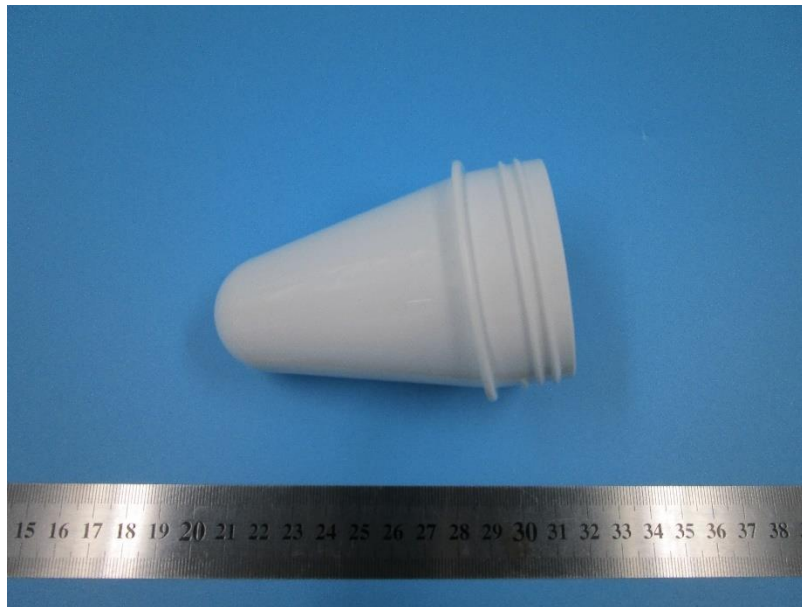


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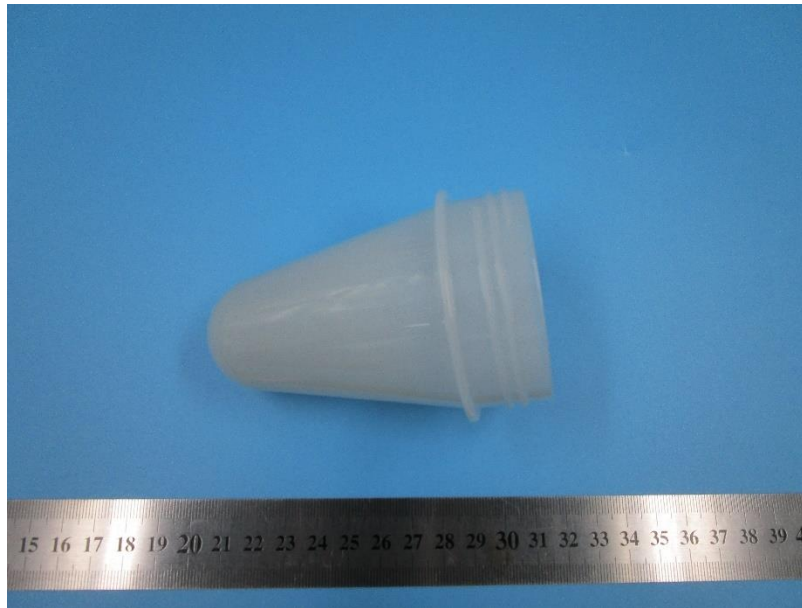


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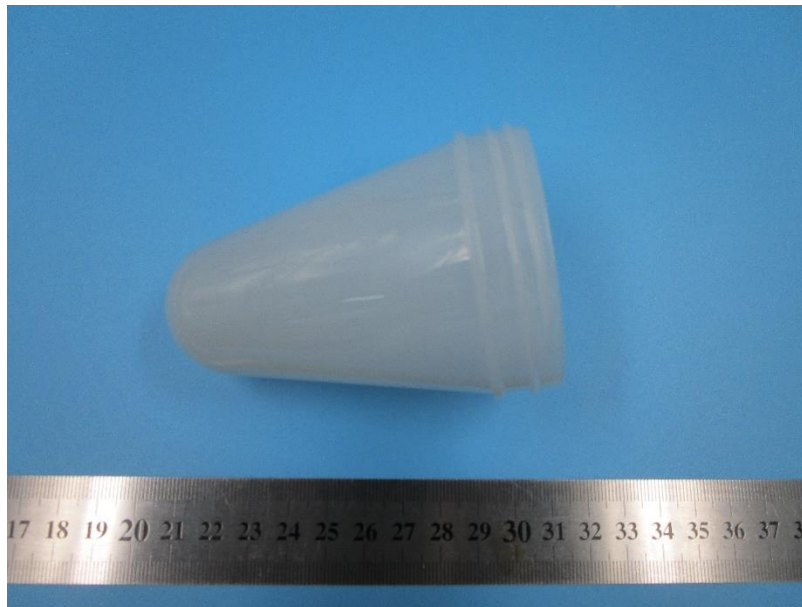
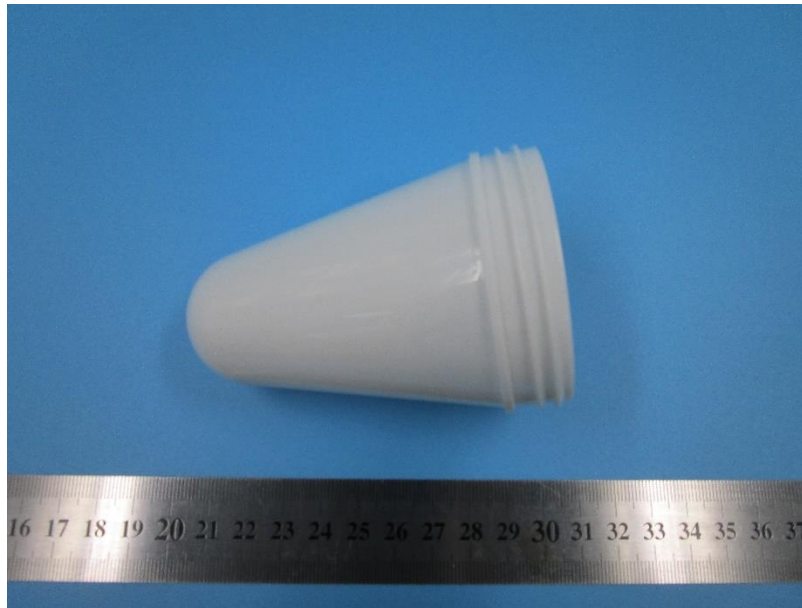


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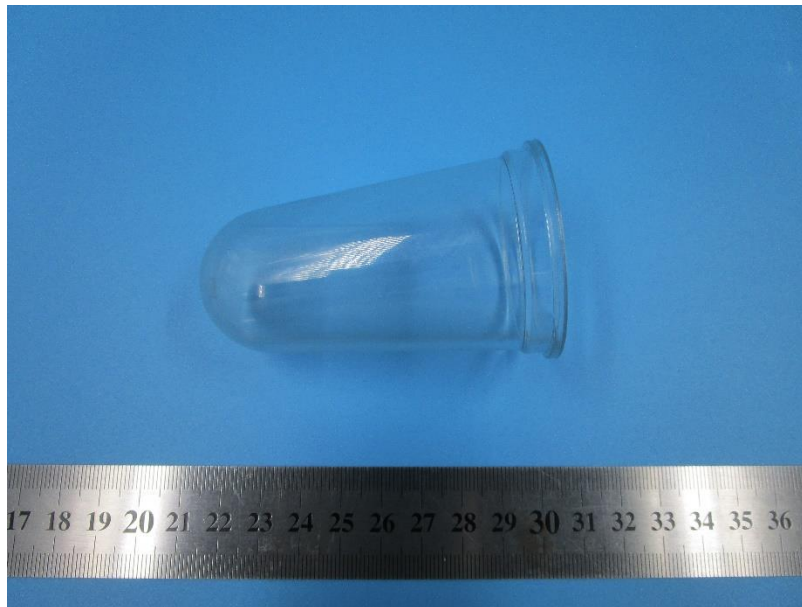
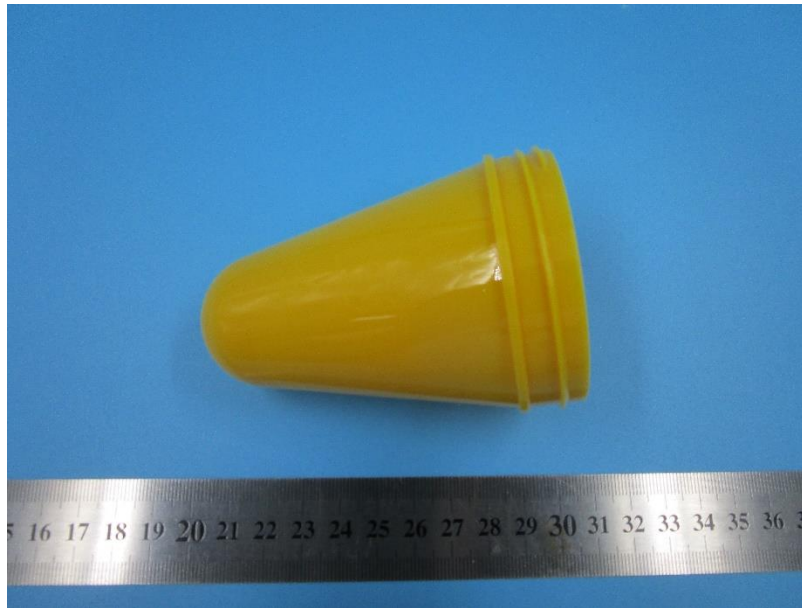


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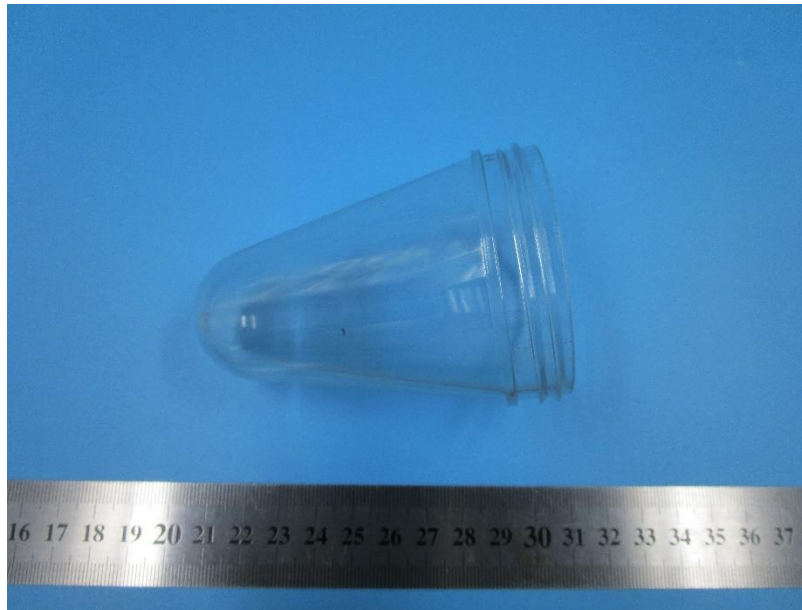


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# Test Report

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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	2	3	4	5	6		
Total Lead	ppm	ND	ND	ND	ND	ND	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.									

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
		7	8	9	10	11	12		
Total Lead	ppm	ND	ND	ND	ND	ND	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.									

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
		13	14	15	16	17	18		
Total Lead	ppm	ND	ND	ND	ND	ND	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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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
		19	20	21	22	23		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		24	25	26	27	28		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		29	30	31	32	33		
Total Lead	ppm	ND	ND	ND	ND	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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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
		34	35	36	37	38		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		39	40	41	42	43		
Total Lead	ppm	ND	ND	ND	ND	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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# Test Report

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## 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
<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.									

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
		7	8	9	10	11	12		
Total Lead	ppm	ND	ND	ND	ND	ND	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.									

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
		13	14	15	16	17	18		
Total Lead	ppm	ND	ND	ND	ND	ND	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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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
		19	20	21	22	23		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		24	25	26	27	28		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		29	30	31	32	33		
Total Lead	ppm	ND	ND	ND	ND	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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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
		34	35	36	37	38		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		39	40	41	42	43		
Total Lead	ppm	ND	ND	ND	ND	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	2	3	4	5	6
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisobutylphthalate( DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Dicyclohexylphthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-pentylphthalate(DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND	ND	ND	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.										

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					
					7	8	9	10	11	12
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisobutylphthalate( DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Dicyclohexylphthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-pentylphthalate(DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND	ND	ND	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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# Test Report

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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					
					13	14	15	16	17	18
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisobutylphthalate( DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Dicyclohexylphthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-pentylphthalate(DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND	ND	ND	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.										

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					
					19	20	21	22	23	
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	
<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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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				
					24	25	26	27	28
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
<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.									

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				
					29	30	31	32	33
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
<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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# Test Report

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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				
					34	35	36	37	38
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
<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.									

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				
					39	40	41	42	43
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
<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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# Test Report

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## 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	2	3	4	5	6
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND	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.										

Test method: CPSC-CH-C1001-09.4										
Limit: According to California proposition 65										
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result					
					7	8	9	10	11	12
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND	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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Test method: CPSC-CH-C1001-09.4										
Limit: According to California proposition 65										
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result					
					13	14	15	16	17	18
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Dinonylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Di-n-hexyl(DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND	ND	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.										

Test method: CPSC-CH-C1001-09.4										
Limit: According to California proposition 65										
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result					
					19	20	21	22	23	
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	
<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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Greatesting Service Shanghai Co., Ltd.

上海量测检测技术有限公司



# Test Report

No. GSL20220621107

Date: Jul,11,2022

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Test method: CPSC-CH-C1001-09.4									
Limit: According to California proposition 65									
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result				
					24	25	26	27	28
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
<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.									

Test method: CPSC-CH-C1001-09.4									
Limit: According to California proposition 65									
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result				
					29	30	31	32	33
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
<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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# Test Report

No. GSL20220621107

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Test method: CPSC-CH-C1001-09.4									
Limit: According to California proposition 65									
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result				
					34	35	36	37	38
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
<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.									

Test method: CPSC-CH-C1001-09.4									
Limit: According to California proposition 65									
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result				
					39	40	41	42	43
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
<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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# Test Report

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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						M.D.L.	Limit
		1	2	3	4	5	6		
Total Lead	ppm	ND	ND	ND	ND	ND	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.									

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
		7	8	9	10	11	12		
Total Lead	ppm	ND	ND	ND	ND	ND	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.									

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
		13	14	15	16	17	18		
Total Lead	ppm	ND	ND	ND	ND	ND	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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# Test Report

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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
		19	20	21	22	23		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		24	25	26	27	28		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		29	30	31	32	33		
Total Lead	ppm	ND	ND	ND	ND	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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# Test Report

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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
		34	35	36	37	38		
Total Lead	ppm	ND	ND	ND	ND	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.								

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
		39	40	41	42	43		
Total Lead	ppm	ND	ND	ND	ND	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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## 6. Phthalates Content (Phthalates Regulations(SOR/2016-188))

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

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					5	6	7	8
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND

**Note:**  
M.D.L. = Method Detection Limit  
ND = Not detected, less than M.D.L.  
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Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					9	10	11	12
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	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.

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					13	14	15	16
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND

**Note:**  
M.D.L. = Method Detection Limit  
ND = Not detected, less than M.D.L.  
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Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					17	18	19	20
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	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.

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result		
					21	22	23
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND

**Note:**  
M.D.L. = Method Detection Limit  
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Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					24	25	26	27
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	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.

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					28	29	30	31
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND

**Note:**  
M.D.L. = Method Detection Limit  
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Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					32	33	34	35
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	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.

Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					36	37	38	39
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND

**Note:**  
M.D.L. = Method Detection Limit  
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Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result			
					40	41	42	43
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
Dinocetylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND

**Note:**  
M.D.L. = Method Detection Limit  
ND = Not detected, less than M.D.L.  
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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	2	3	4	5	6	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	ND	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.								

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.
		7	8	9	10	11	12	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	ND	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.								

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.
		13	14	15	16	17	18	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	ND	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.								

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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.
		19	20	21	22	23	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	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.							

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.
		24	25	26	27	28	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	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.							

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.
		29	30	31	32	33	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	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.							



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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.
		34	35	36	37	38	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	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.							

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.
		39	40	41	42	43	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	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.							



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## 8. 21 CFR 177.1630 for PET

Test method: With reference to FDA 21 CFR 177.1630									
Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.									
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )					
				1	2	3	4	5	6
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.									

Test method: With reference to FDA 21 CFR 177.1630									
Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.									
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )					
				7	8	9	10	11	12
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.									

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# Test Report

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Test method: With reference to FDA 21 CFR 177.1630									
Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.									
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )					
				13	14	15	16	17	18
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.									

Test method: With reference to FDA 21 CFR 177.1630									
Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.									
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )					
				19	20	21	22	23	
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.									

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Test method: With reference to FDA 21 CFR 177.1630								
Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.								
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )				
				24	25	26	27	28
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.								

Test method: With reference to FDA 21 CFR 177.1630								
Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.								
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )				
				29	30	31	32	33
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.								

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Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.								
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )				
				34	35	36	37	38
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND
<b>Note:</b> ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested as specified by client.								

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Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.								
Test Item(s)	Test condition	Limit (mg/inch <sup>2</sup> )	MDL (mg/inch <sup>2</sup> )	Test result (mg/inch <sup>2</sup> )				
				39	40	41	42	43
Chloroform soluble extractives in distilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 8% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
Chloroform soluble extractives in 50% ethanol	120°F,24h	0.5	0.1	ND	ND	ND	ND	ND
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Sample ID.	Test Part Description
1	Royal preforms (48G)
2	Clear preforms (48G)
3	Forest green preforms (48G)
4	Red preforms (48G)
5	Orange preforms (48G)
6	Frost preforms (48G)
7	Navy preforms (48G)
8	Purple preforms (48G)
9	Green preforms (48G)
10	Light blue preforms (48G)
11	White preforms (48G)
12	Pink preforms (48G)
13	Yellow preforms (48G)
14	Black preforms(48G)
15	Translucent red preforms (48G)
16	Translucent pink preforms (48G)
17	Translucent purple preforms (48G)
18	Translucent orange preforms (48G)
19	Translucent yellow preforms (48G)
20	Translucent smoke preforms (48G)
21	Translucent blue preforms (48G)
22	Translucent green preforms (48G)
23	Translucent aqua preforms (48G)
24	Clear preforms (38G)
25	Frost preforms(38G)
26	Royal preforms(38G)
27	White preforms(38G)
28	Yellow preforms(38G)
29	Translucent blue preforms (38G)
30	Black preforms(38G)
31	Translucent red preforms(38G)
32	Translucent aqua preforms(38G)
33	Translucent green preforms(38G)
34	Translucent red preforms (90G)
35	Clear preforms (90G)
36	Translucent aqua preforms (90G)
37	Translucent blue preforms (90G)
38	Clear preforms(22G)
39	Translucent red low preforms (48G)
40	Clear low preforms (48G)
41	Translucent smoke low preforms (48G)
42	Translucent blue low preforms (48G)
43	Translucent green low preforms (48G)

\*\*\* END OF REPORT \*\*\*

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