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

uan

Approve: Carp Quan Position:Technical Supervisor



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Sample Photo:





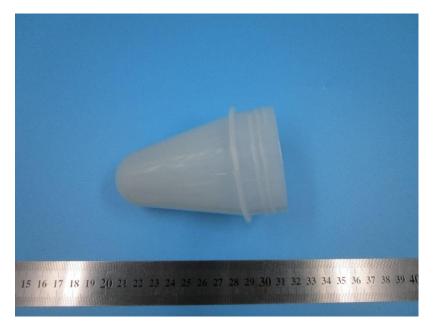
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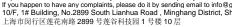
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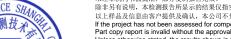


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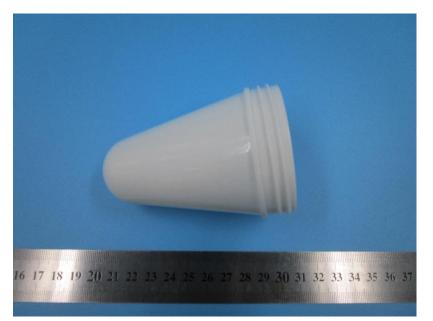
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TO BE CONTINUED



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Result:

1. Total Lead Content in Substrate (CPSIA)

Test Method: With	reference	to CPSC-	-CH-E 10	02-08.3, a	analysis w	as perfor	med by IC	CP-OES.	
Limit: According to	Consume	r Product	Safety Im	proveme	nt Act 200	08 (CPSIA	A)		
Tested Item(s)	Unit			Test F	Result			M.D.L.	Limit
Tested Item(s)	Unit	1	2	3	4	5	6		Linnt
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100
Note: ND = not detec M.D.L. = metho			-						

ppm = milligram per kilogram, mg/kg

The sample(s) is (are) tested as specified by client.

Test Method: With	reference	to CPSC-	-CH-E 10	02-08.3, a	analysis w	as perfor	med by IC	CP-OES.			
Limit: According to	Consume	r Product	Safety In	nproveme	nt Act 200	08 (CPSIA	4)				
Tested Item(s) Unit Test Result M.D.L. Limit											
Tested Item(s) Unit 7 8 9 10 11 12 M.D.L. Limit											
Total Lead ppm ND ND ND ND ND 10 100											
Note:	Note:										
M.D.L. = metho ppm = milligram	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.										

Test Method: With Limit: According to						•			
	11			Test F	Result			MDI	1
Tested Item(s)	Unit	13	14	15	16	17	18	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100
Note: ND = not detec M.D.L. = metho									
ppm = milligran The sample(s)	n per kilogr	am, mg/k		client					



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Test Method: With	reference	to CPSC-C	H-E 1002-0	08.3, analys	is was perf	ormed by l	CP-OES.	
Limit: According to	Consume	r Product S	afety Impro	vement Act	2008 (CPS	SIA)		
	11::4			Test Resul	t		MDI	1 : :4
Tested Item(s)	Unit	19	20	21	22	23	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								
ND = not detec M.D.L. = metho ppm = milligrar The sample(s)	od detection n per kilogr	n limit am, mg/kg		ent.				

Test Method: With	reference	to CPSC-C	H-E 1002-0	08.3, analys	is was perf	ormed by I	CP-OES.	
Limit: According to	Consume	r Product S	afety Impro	vement Act	2008 (CPS	SIA)		
	11:4		•	Test Resul	t		MDI	1 :
Tested Item(s)	Unit	24	25	26	27	28	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								
ND = not detec M.D.L. = metho ppm = milligran The sample(s)	od detection n per kilogr	n limit am, mg/kg	cified by clie	ent.				

Test Method: With	reference	o CPSC-C	H-E 1002-0	08.3, analys	is was perf	ormed by I	CP-OES.	
Limit: According to	Consumer	Product S	afety Impro	vement Act	2008 (CPS	SIA)		
Tested Item(s)	Unit			Test Resul	t		МРТ	Limit
Tested Item(s)	Unit	29	30	31	32	33	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								
ND = not detec M.D.L. = metho ppm = milligrar	od detection n per kilogr	n limit am, mg/kg						
The sample(s)	is (are) test	ed as spec	ified by clie	ent.				



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Test Method: With	reference	to CPSC-C	H-E 1002-0	08.3, analys	is was perf	ormed by I	CP-OES.	
Limit: According to	Consume	r Product S	afety Impro	vement Act	2008 (CPS	SIA)		
	11		-	Test Resul	t			1
Tested Item(s)	Unit	34	35	36	37	38	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								
ND = not detec M.D.L. = metho ppm = milligrar The sample(s)	od detection n per kilogr	n limit am, mg/kg	ified by clie	ent.				

Test Method: With	reference	to CPSC-C	H-E 1002-0	08.3, analys	is was perf	ormed by I	CP-OES.					
Limit: According to	Consume	r Product S	afety Impro	vement Act	2008 (CPS	SIA)						
Tested Item(s) Unit Test Result M.D.L. Limit												
Tested Item(s) Unit 39 40 41 42 43 M.D.L. Limit												
Total Lead ppm ND ND ND ND 10 100												
Note:												
ND = not detec M.D.L. = methc ppm = milligran The sample(s)	d detection n per kilogr	n limit am, mg/kg	cified by clie	ent.								



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2. Total Lead Content in Substrate (CA65)

Test Method: With	n referenc	e to CPSC	C-CH-E 10	02-08.3, a	analysis w	as perforn	ned by ICI	P-OES.	
Limit: According t	o Californi	a proposit	tion 65						
	11			Test I	Result			MDI	1 : :
Tested Item(s)	Unit	1	2	M.D.L.	Limit				
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100
Note:									
ND = not detec M.D.L. = metho ppm = milligran The sample(s)	od detection n per kilog	n limit ram, mg/k	g	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 F	Result			МПІ	Limit
rested item(s)	Unit	7	8	9	10	11	12	M.D.L.	Limit
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.

Test Method: With	n referenc	e to CPSC	C-CH-E 10	02-08.3, a	analysis w	as perforn	ned by ICI	P-OES.	
Limit: According t	o Californi	a proposit	tion 65						
	11			Test I	Result			MDL	1
Tested Item(s)	Unit	13	14	15	16	17	18	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100
Note:									
ND = not detec M.D.L. = metho ppm = milligran The sample(s)	od detection n per kilog	n limit ram, mg/k	g	client.					



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Test Method: With	n reference	e to CPSC-	CH-E 1002-0	08.3, analys	is was perfo	rmed by IC	P-OES.	
Limit: According t	o California	a propositio	n 65					
	L Incit			Test Result	t		MDI	1 : :
Tested Item(s)	Unit	19	20	21	22	23	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								
ND = not detec M.D.L. = metho ppm = milligran The sample(s)	d detection n per kilogi	n limit am, mg/kg	cified by clier	nt.				

Test Method: With	n reference	to CPSC-0	CH-E 1002-0	08.3, analys	is was perfo	rmed by IC	P-OES.	
Limit: According to	o California	a propositio	n 65					
	11			Test Result			MDI	1
Tested Item(s)	Unit	24	25	26	27	28	– M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note: ND = not detect M.D.L. = metho ppm = milligram The sample(s)	d detection	n limit am, mg/kg	ified by clier	nt.				

Test Method: With	n reference	to CPSC-0	CH-E 1002-0	08.3, analys	is was perfo	rmed by IC	P-OES.	
Limit: According to	o California	a propositio	n 65					
	11			Test Result	1		MIDI	1 :
Tested Item(s)	Unit	29	30	31	32	33	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								
ND = not detec M.D.L. = metho ppm = milligram	d detectior	n limit						

The sample(s) is (are) tested as specified by client.



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Test Method: With	n reference	e to CPSC-	CH-E 1002-0	08.3, analys	is was perfo	rmed by ICI	P-OES.	
Limit: According t	o Californi	a propositio	n 65					
	11:0:14			Test Result			MDL	1 : :4
Tested Item(s)	Unit	34	35	36	37	38	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								
ND = not detec M.D.L. = metho ppm = milligran The sample(s)	d detectio n per kilog	n limit ram, mg/kg		nt.				

Test Method: With	n reference	to CPSC-0	CH-E 1002-0	08.3, analys	is was perfo	rmed by IC	P-OES.	
Limit: According to	o California	n propositio	n 65					
	11			Test Result			MIDI	1
Tested Item(s)	Unit	39	40	41	42	43	- M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note: ND = not detect M.D.L. = metho ppm = milligram The sample(s)	d detection	n limit am, mg/kg	ified by clier	nt.				



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3. Phthalates Content (CPSIA)

Limit: According to Consumer Pr	roduct Safety Im	nrover	ont Act 2							
	,			,		Т	est Re	esult		
Parameter	CAS No.	Unit	Limit	M.D.L.	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
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.

Limit: According to Consumer P	roduct Safety Im	provem	ent Act 2	008 (CPS	IA)					
Parameter	CAS No.	Unit	Limit	M.D.L.	7	Test Rest 7 8 9 1			11	12
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	9 ND	10 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

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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Limit: According to Consumer P	roduct Safety Im	provem	ent Act 2	008 (CPS	IA)					
Parameter	CAS No.	Unit	Limit	M.D.L.		T	est Re	esult	-	
Falameter	CAS NO.	Unit	Linin		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
	28553-12-0	%	0.1	0.005	ND	ND	ND	ND	ND	ND
Diisononylphthalate (DINP)	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	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-	404 40 0	%	0.4	0.005						
pentylphthalate(DPENP)	131-18-0		0.1	0.005	ND	ND	ND	ND	ND	ND

M.D.L. = Method Detection Limit

ND = Not detected, less than M.D.L.

The sample(s) is (are) tested as specified by client.

Limit: According to Consumer P	roduct Safety Im	provem	nent Act 2	008 (CPS	IA)						
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result						
Parameter	CAS NO.	Unit	Limit		19	19 20 21 22					
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.



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Limit: According to Consumer P						Те	est Resi	ult	
Parameter	CAS No.	Unit	Limit	M.D.L.	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

ND = Not detected, less than M.D.L.

The sample(s) is (are) tested as specified by client.

Limit: According to Consumer P	roduct Safety Im	provem	nent Act 2	008 (CPS	SIA)	Та		.14		
Parameter	CAS No.	Unit	Limit	M.D.L.	M.D.L. 29 30 31 32					
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND	33 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.



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Limit: According to Consumer P						Те	est Resi	ult	
Parameter	CAS No.	Unit	Limit	M.D.L.	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

ND = Not detected, less than M.D.L.

The sample(s) is (are) tested as specified by client.

Limit: According to Consumer Pl	roduct Safety Im	provem	nent Act 2	008 (CPS	ia)	Те	est Resi	ult	
Parameter	CAS No.	Unit	Limit	M.D.L.	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

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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4. Phthalates Content (CA 65)

Limit: According to California pro	ſ	11	1 : :4	MDI		Т	est R	esult		
Parameter	CAS No.	Unit	Limit	M.D.L.	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
Dinoctylphthalate(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

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 pro	oposition 65									
Parameter	r CAS No. Unit Limit M.D.L. Test Result									
Falameter	CAS NO.	Unit	LIIIII	W.D.L.	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
Dinoctylphthalate(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

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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Limit: According to California pro		1					est Re	oult		
Parameter	CAS No.	Unit	Limit	M.D.L.	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
Dinoctylphthalate(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
Note:										

The sample(s) is (are) tested as specified by client.

Limit: According to California pr	oposition 65								
Deremeter	CAS No.	Linit	Limit	мы		Te	est Resu	ılt	
Parameter	CAS NO.	Unit	Limit	M.D.L.	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
Dinoctylphthalate(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

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 pro	oposition 65								
Parameter	CAS No.	Unit	Limit	M.D.L.		ult			
Talameter	0A3 N0.	Onit	Liiiit		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
Disconony/abthalata (DIND)	iisononylphthalate (DINP) 28553-12-0	%	0.1	0.005	ND	ND	ND		
Disononyiphthalate (DINP)	68515-48-0	70	0.1	0.005	ND	ND	ND	ND	ND
Diisodecylphthalate(DIDP)	26761-40-0	26761-40-0 %	0.1	0.005	ND	ND	ND	ND	ND
Disodecyipitinalate(DIDF)	68515-49-1	70	0.1	0.005	ND	ND	ND	ND	ND
Dinoctylphthalate(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 Li	mit								
ND = Not detected, less than	M.D.L								

The sample(s) is (are) tested as specified by client.

Limit: According to California pr	oposition 65	1						•.		
Parameter	CAS No.	Unit	Limit	M.D.L.	Test Result					
Tarameter		Onic		MIDIE.	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	%	0.1	0.005	ND	ND	ND	ND	ND	
	68515-48-0								<u> </u>	
Diisodecylphthalate(DIDP)	26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND	ND	
Dinoctylphthalate(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

The sample(s) is (are) tested as specified by client.



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Limit: According to California pr						Τe	est Resi	ılt	
Parameter	CAS No.	Unit	Limit	M.D.L.	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
Dinoctylphthalate(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:									

The sample(s) is (are) tested as specified by client.

Test method: CPSC-CH-C1001	-09.4								
Limit: According to California pr	oposition 65								
Parameter	CAS No.	Unit	Limit	M.D.L.		Τe	est Resu	ılt	
Farameter	CAS NO.	Unit	LIIIII		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
Dinoctylphthalate(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 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: and	alysis was	s performe	d by ICP-0	DES.								
Limit: According	Limit: According to Toys Regulations (SOR/2018-83)											
	11			Test	Result			MDI	1			
Tested Item(s)	Unit	1	2	3	6	M.D.L.	Limit					
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100			
Note:												
ND = not detec	,		L									
M.D.L. = metho ppm = milligrar		••••••	'ka									
The sample(s)				client.								

Test Method: analysis was performed by ICP-OES. Limit: According to Toys Regulations (SOR/2018-83) **Test Result** Tested Item(s) Unit M.D.L. Limit 7 8 9 10 11 12 **Total Lead** ND ND ND ND ND ND 10 100 ppm 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.

Test Method: an	alysis wa	s performe	d by ICP-0	DES.					
Limit: According	to Toys F	Regulations	s (SOR/20	18-83)					
T = (= 1 (= == (=)	11				1				
Tested Item(s)	Unit	13	14	15	16	17	18	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	ND	10	100
Note: ND = not dete M.D.L. = meth ppm = milligra	od detect	ion limit							

The sample(s) is (are) tested as specified by client.



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Limit

100

				Test Result				
Tested Item(s)	Unit	19	20	21	22	23	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note:								

Test Method: analysis was performed by ICP-OES. Limit: According to Toys Regulations (SOR/2018-83) **Test Result** Tested Item(s) M.D.L. Unit 24 25 26 27 28 Total Lead ppm ND ND ND ND ND 10 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.

Test Method: ana	alysis was	performed l	by ICP-OES					
Limit: According	to Toys R	egulations (SOR/2018-8	3)				
		MDI	Linuit					
Tested Item(s)	Unit	29	30	31	32	33	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note: ND = not detec M.D.L. = metho ppm = milligrau The sample(s)	od detecti m per kilo	on limit gram, mg/kg		nt.				



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Limit: According	to Toys Re	egulations (SOR/2018-8	3)				
Tested Item(s)	Unit			Test Result	:		M.D.L.	Limit
Tested Item(s)	Onit	34	35	36	37	38	WI.D.L.	Linnt
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note: ND = not detect M.D.L. = metho ppm = milligrar The sample(s)	od detection mper kilog	on limit Jram, mg/kg		nt.				

Limit: According		- g (Test Result				
Tested Item(s)	Unit -	39	40	41	42	43	M.D.L.	Limit
Total Lead	ppm	ND	ND	ND	ND	ND	10	100
Note: ND = not detect	cted, less t		ND	ND	<u>ND</u>	ND	10	





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

Parameter	CAS No.	Unit	Limit	M.D.L.		Test F	Result	
Falameter	CAS NO.	Unit	LIIIII		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
Dinoctylphthalate(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.

Peremeter	CAS No.	Unit	Limit	M.D.L.		Test F	Result	
Parameter	CAS NO.	Unit	Limit		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
Dinoctylphthalate(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.



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Parameter	CAS No.	Unit	Limit	M.D.L.		Test F	Result	
Parameter	CAS NO.	Unit	Limit		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
Dinoctylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND
Note:								

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 F	Result	
Parameter	CAS NO.	Unit	Limit		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
Dinoctylphthalate(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.



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Parameter	CAS No.	Unit	Limit	M.D.L.		Test F	Result	
Falameter	CAS NO.				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
Dinoctylphthalate(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.

Deremeter		Unit	Limit	M.D.L.		Test Result	
Parameter	CAS No.	Unit	Limit		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
Dinoctylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND

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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Desemptor	CAS No.	Unit	Limit	M.D.L.		Test Result				
Parameter			Limit		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		
Dinoctylphthalate(DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND		
Note:										

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 F	Result	
Parameter	CAS NO.				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
Dinoctylphthalate(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.



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Parameter	CAS No.	Unit	Limit	M.D.L.		Test Result				
Farameter	CAS NO. UNIT		LIIIII		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		
Dinoctylphthalate(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.

	Unit Limit	M.D.L.	Test Result				
CAS No. Unit		Liiiii		36	37	38	39
84-74-2	%	0.1	0.005	ND	ND	ND	ND
85-68-7	%	0.1	0.005	ND	ND	ND	ND
117-81-7	%	0.1	0.005	ND	ND	ND	ND
28553-12-0 68515-48-0	%	0.1	0.005	ND	ND	ND	ND
26761-40-0 68515-49-1	%	0.1	0.005	ND	ND	ND	ND
117-84-0	%	0.1	0.005	ND	ND	ND	ND
	85-68-7 117-81-7 28553-12-0 68515-48-0 26761-40-0 68515-49-1	85-68-7 % 117-81-7 % 28553-12-0 % 68515-48-0 % 26761-40-0 % 68515-49-1 %	85-68-7 % 0.1 117-81-7 % 0.1 28553-12-0 % 0.1 68515-48-0 % 0.1 26761-40-0 % 0.1 68515-49-1 % 0.1	85-68-7 % 0.1 0.005 117-81-7 % 0.1 0.005 28553-12-0 % 0.1 0.005 68515-48-0 % 0.1 0.005 26761-40-0 % 0.1 0.005 68515-49-1 % 0.1 0.005	84-74-2 % 0.1 0.005 ND 85-68-7 % 0.1 0.005 ND 117-81-7 % 0.1 0.005 ND 28553-12-0 % 0.1 0.005 ND 26761-40-0 % 0.1 0.005 ND	84-74-2 % 0.1 0.005 ND ND 85-68-7 % 0.1 0.005 ND ND 117-81-7 % 0.1 0.005 ND ND 28553-12-0 % 0.1 0.005 ND ND 28553-12-0 % 0.1 0.005 ND ND 26761-40-0 % 0.1 0.005 ND ND 267515-49-1 % 0.1 0.005 ND ND	84-74-2 % 0.1 0.005 ND ND ND 85-68-7 % 0.1 0.005 ND ND ND 117-81-7 % 0.1 0.005 ND ND ND 28553-12-0 % 0.1 0.005 ND ND ND 285515-48-0 % 0.1 0.005 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.



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Parameter	CAS No.	Unit	Limit	M.D.L.		Test F	Result	
Farameter			Linni		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
Dinoctylphthalate(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.



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7. BPA Content

Test Method: US EPA 3	3550C:2007 a	and US Ef	PA 8270D	:2007						
Test equipment: Solven	t extraction a	Ind quanti	fication by	/ gas chro	omatograp	hy-mass	selective de	etector (GC-MS		
		MDI								
Tested Item	Unit	1	2	3	4	5	6	M.D.L.		
Bisphenol A (BPA)	ol A (BPA) mg/kg ND ND ND ND ND ND ND									
Note: ND = not detected, le mg/kg = milligram pe MDL = Method Detec The sample(s) is (are	r kilogram, p tion Limit	pm	y client.							

Test equipment: Solve	nt extraction a	nd quanti	fication by	.	e 1	hy-mass	selective de	etector (GC-MS		
Tested Item	Unit		Test Result 7 8 9 10 11 12							
		7								
Bisphenol A (BPA)	mg/kg	ND ND ND ND ND 1								
Note: ND = not detected, mg/kg = milligram p MDL = Method Dete The sample(s) is (ar	er kilogram, p ction Limit	pm	v client							

Test Method: US EPA	3550C:2007 a	and US El	PA 8270D	:2007								
Test equipment: Solve	nt extraction a	ind quanti	fication by	/ gas chro	matograp	hy-mass	selective d	etector (GC-MS)				
Toolod Hom		M.D.L.										
Tested Item	Unit	13	13 14 15 16 17 18 M.L									
Bisphenol A (BPA) mg/kg ND ND ND ND ND ND 1												
Note: ND = not detected, I mg/kg = milligram p MDL = Method Dete The sample(s) is (ar	er kilogram, pj ction Limit	om	y client.									





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Test Method: US EPA	3550C:2007 a	and US EPA	A 8270D:200	07							
Test equipment: Solvent extraction and quantification by gas chromatography-mass selective detector (GC-MS)											
Tested Item	MDI										
rested item	Unit	19	19 20 21 22 23 M.D.L.								
Bisphenol A (BPA)	mg/kg	ND ND ND ND 1									
Note: ND = not detected, k mg/kg = milligram per MDL = Method Detect The sample(s) is (are	er kilogram, pr ction Limit	om	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)										
		MDI								
Tested Item	Unit	24 25 26 27 28 M.D.L.								
Bisphenol A (BPA) mg/kg ND ND ND ND ND 1										
mg/kg = milligram pe MDL = Method Deteo										

Tested Item	Unit			Test Result			M.D.L.
rested item	Unit	29	30	31	32	33	
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	ND	1
Note: ND = not detected, mg/kg = milligram p MDL = Method Dete The sample(s) is (ar	er kilogram, pp ction Limit	om	client				





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Test Method: US EPA 3	3550C:2007 a	Ind US EPA	A 8270D:200)7			
Test equipment: Solver	nt extraction a	nd quantific	cation by ga	s chromatog	graphy-mas	s selective d	etector (GC-MS)
Tested Item	Unit			Test Result	t		M.D.L.
resteu item	Unit	34	35	36	37	38	WI.D.L.
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	ND	1
Note: ND = not detected, le mg/kg = milligram pe MDL = Method Detec The sample(s) is (are	er kilogram, pp ction Limit	om	client.				

Test Method: US EPA 3	3550C:2007 a	nd US EPA	A 8270D:200)7			
Test equipment: Solver	nt extraction a	nd quantific	cation by ga	s chromatog	graphy-mas	s selective d	etector (GC-MS)
Tested Item	11:0:14			Test Result	t		MDI
Tested Item	Unit	39	40	41	42	43	M.D.L.
Bisphenol A (BPA)	mg/kg	ND	ND	ND	ND	ND	1
Note: ND = not detected, le mg/kg = milligram pe MDL = Method Detec The sample(s) is (are	er kilogram, pp stion Limit	m	client.				





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8. 21 CFR 177.1630 for PET

imit: In accordance with the FDA	Regulations for	or polycarbona	ite polymers us	ed in co	ontact w	ith food	ł.		
Fact Itam(a)	Test	Limit	MDL		Tes	t result	: (mg/in	ch ²)	
ſest Item(s)	condition	(mg/inch ²)	(mg/inch ²)	1	2	3	4	5	6
Chloroform soluble extractives in listilled water	250°F,2h	0.5	0.1	ND	ND	ND	ND	ND	ND
Chloroform soluble extractives in 3% 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
Note:									·

Test method: With reference to F	DA 21 CFR 1	77.1630							
Limit: In accordance with the FDA	Regulations for	or polycarbona	ate polymers us	sed in co	ontact w	ith food	ł.		
Tost Itom(s)	Test	Limit	MDL		Tes	t result	: (mg/i n	nch²)	
Test Item(s)	condition	(mg/inch ²)	(mg/inch ²)	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
Note: 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	Test	Limit	MDL				 t (mg/in	ch ²)	
Test Item(s)	condition	(mg/inch ²)	(mg/inch ²)	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
Heptane Note: ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested a	· · · · · · · · · · · · · · · · · · ·		0.1						

Limit: In accordance with the FDA	A Regulations f	or polycarbona	ate polymers us	ed in cor	ntact with	food.			
Toot Itom(a)	Test	Limit	MDL	Test result (mg/inch ²)					
Test Item(s)	condition	(mg/inch ²)	(mg/inch ²)	19	20	21	22	23	
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	

The sample(s) is (are) tested as specified by client.



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Limit: In accordance with the FDA	Regulations f	or polycarbona	ate polymers us	ed in cor	ntact with	food.		
Test Item(s)	Test	Limit	MDL		Test re	esult (mg	g/inch²)	
rest tient(s)	condition	(mg/inch ²)	(mg/inch ²)	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
Note: ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested a		v client.			1	1	1	

Limit: In accordance with the FD/	A Regulations f	or polycarbona	ite polymers us	ed in cor	ntact with	food.		
Toot Hom(o)	Test	Limit	MDL		Test re	esult (mg	g/inch²)	
Test Item(s)	condition	(mg/inch ²)	(mg/inch ²)	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

The sample(s) is (are) tested as specified by client.



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Test method: With reference to F	DA 21 CFR 1	77.1630						
Limit: In accordance with the FDA	Regulations f	or polycarbona	te polymers us	ed in cor	ntact with	food.		
Test Item(s)	Test	Limit	MDL		Test re	esult (mg	g/inch²)	
rest item(s)	condition	(mg/inch ²)	(mg/inch ²)	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
Note: ND = Not detected MDL = Method Detection Limit The sample(s) is (are) tested a		client.		<u>.</u>			<u>.</u>	I

Limit: In accordance with the FDA	A Regulations f	or polycarbona	ite polymers us	ed in cor	ntact with	food.		
	Test	Limit	MDL		Test re	sult (mg	g/inch ²)	
Test Item(s)	condition	(mg/inch ²)	(mg/inch ²)	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
Chloroform soluble extractives in Heptane	150°F,2h	0.5	0.1	ND	ND	ND	ND	ND

The sample(s) is (are) tested as specified by client.



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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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