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Applicant CUSTOM PLASTIC SPECIALTIES, INC

Address 5678 WEST RIDGE ROAD ERIE, PENNSYLVANIA 16506

Sample Description SUNGLASSES

Sample Received Date JUN. 29,2022

Turn Around Time JUN. 29,2022 TO JUL. 07,2022

Test Requested	Result
- Physical and Mechanical - According to Standard Consumer Safety Specification for Toy Safety (ASTM F963-17)	PASS
- Flammability - According to Standard Consumer Safety Specification for Toy Safety (ASTM F963-17)	PASS
- Soluble Heavy Metals - According to Standard Consumer Safety Specification for Toy Safety(ASTM F963-17)	PASS
- 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
- FDA Specifications 21 CFR 177.1580 - For Polycarbonate Polymers in Contact With Food	PASS
- FDA Specifications 21 CFR 177.1520 - For Polypropylene Used 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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Sample Photo:







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TO BE CONTINUED



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Result:

1. Physical and Mechanical Tests(ASTM F963-17)

Section	Requirement	Result
4. Safety red	quirements	
4.1	Material Quality (visual check)	PASS
4.2	Flammability	PASS
4.3	Toxicology	N/A
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal Energy	N/A
4.5	Sound-producing toys	N/A
4.6	Small objects	N/A
4.7	Accessible edges	PASS
4.8	Projections	N/A
4.9	Accessible points	PASS
4.10	Wires and rods	N/A
4.11	Nails and fasteners	N/A
4.12	Plastic film	N/A
4.13	Folding mechanisms and hinges	N/A
4.14	Cords, straps, and elastics	N/A
4.15	Stability and over-load requirements (#)	N/A
4.16	Confined spaces	N/A
4.17	Wheels, tires and axles	N/A
4.18	Holes, clearance and accessibility of mechanisms	N/A
4.19	Simulated protective devices	PASS
4.20	Pacifiers (#)	N/A
4.21	Projectile toys	N/A
4.22	Teethers and teething toys	N/A
4.23	Rattles	N/A
4.24	Squeeze toys	N/A
4.25	Battery-operated toys	N/A
4.26	Toys intended to be attached to a crib or playpen	N/A
4.27	Stuffed and beanbag-type toys	N/A
4.28	Stroller and carriage toys	N/A
4.29	Art materials (#)	N/A
4.30	Toys gun marking	N/A
4.31	Balloons	N/A
4.32	Certain toys with nearly spherical ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-shaped objects	N/A
4.37	Yo Yo elastic tether toys	N/A
4.38	Magnets	N/A
4.39	Jaw entrapment in handle and steering wheels	N/A
4.40	Expanding material	N/A
4.41	Toy chests	N/A
	requirements	•



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Section	Requirement	Result			
5.1	Federal government requirements	N/A			
5.2	Age grading labeling	N/A			
5.3	Safety labeling requirements	N/A			
5.4	Aquatic toys	N/A			
5.5	Crib and playpen toys	N/A			
5.6	Mobiles	N/A			
5.7	Stroller and carriage toys	N/A			
5.8	Toys intended to be assembled by an adult	N/A			
5.9	Simulated protective devices	N/A			
5.10	Toys with functional sharp edges or points	N/A			
5.11	Small objects, small balls, marbles and balloons	N/A			
5.12	Toy caps	N/A			
5.13	Art materials	N/A			
5.14	Electric toys	N/A			
5.15	Battery-operated toys	N/A			
5.16	Promotional materials	N/A			
5.17	Magnets	N/A			
6. Instruction	al literature				
6.1	Definition and description	N/A			
6.2	Crib and playpen toys	N/A			
6.3	Mobiles	N/A			
6.4	Toys intended to be assembled by an adult	N/A			
6.5	Battery-operated toys	N/A			
6.6	Battery powered ride-on toys	N/A			
6.7	Toys in contact with food	N/A			
7. Producer's	markings				
7.1	Name and address of the producer or the distributor	N/A			
7.2	7.2 Battery-powered ride-on toys N/A				
N/A = Not App	olicable N/R = Not Requested				

2. Flammability Test(ASTM F963-17)

Clause	Description		Result
4. Requiren	nents		
4.2	Flammability on solids and so	oft toys	PASS (See Remark)
Remark:			
The burnin	g rate of the most severe part	: DNI	
Maximum permissible burning rate		: 0.1 Inch/sec.	



Abbreviation

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DNI = Did Not Ignite / IBE = Ignite But Self-extinguish

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3. Soluble Heavy Metal (ASTM F963-17)

Test method: ASTM F963-17, section 8.3.2 to 8.3.5

Limit: According to ASTM F963-17, section 4.3.5.1(2), 4.3.5.2(2)(b)

Parameter	Unit Limit		M.D.L.	Test Result			
T di diffetei	Oilit	Liiiii	WI.D.L.	1	2	3	4
Soluble antimony (Sb)	mg/kg	60	5	ND	ND	ND	ND
Soluble arsenic (As)	mg/kg	25	2.5	ND	ND	ND	ND
Soluble barium (Ba)	mg/kg	1000	10	ND	ND	ND	ND
Soluble cadmium (Cd)	mg/kg	75	5	ND	ND	ND	ND
Soluble chromium (Cr)	mg/kg	60	5	ND	ND	ND	ND
Soluble lead (Pb)	mg/kg	90	5	ND	ND	ND	ND
Soluble mercury (Hg)	mg/kg	60	5	ND	ND	ND	ND
Soluble selenium (Se)	mg/kg	500	10	ND	ND	ND	ND

Note:

M.D.L. = Method Detection Limit

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

The test results were calculated by correction factor



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4. 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 I	M.D.L.	Limit	
rested item(s)	Onit	1+2+3	4	WI.D.L.	Lillill
Total Lead	ppm	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

As specified by client, the sample was in a composite test.

5. 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 F	M.D.L.	Limit	
rested item(s)	Onit	1+2+3	WI.D.L.	Lillit	
Total Lead	ppm	ND	ND ND		100

Note:

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

M.D.L. = method detection limit

ppm = milligram per kilogram, mg/kg

As specified by client, the sample was in a composite test.



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6. Phthalates Content (CPSIA)

Test method: CPSC-CH-C1001-09.4

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

Devementer	CACNIC	I I m !4	1 : :4	MDI	Test Result
Parameter	CAS No.	Unit	Limit	M.D.L.	1+2+3
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.

As specified by client, the sample was in a composite test.

7. Phthalates Content (CA 65)

Test method: CPSC-CH-C1001-09.4

Limit: According to California proposition 65

Danamatan	CAC N-	11:4	1 : :-	MDI	Test Result
Parameter	CAS No.	Unit	Limit	M.D.L.	1+2+3
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
Dinoctylphthalate(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

As specified by client, the sample was in a composite test.



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8. CFR 177.1580 for PC

Test method: With reference to FDA 21 CFR 177.1580

Limit: In accordance with the FDA Regulations for polycarbonate polymers used in contact with food.

Test Item(s)	Unit	Limit	MDL	Test result 1
Distilled Water in 6hr reflux	w/w %	0.15	0.02	ND
50% Ethanol in 6hr reflux	w/w %	0.15	0.02	ND
n-Heptane in 6hr reflux	w/w %	0.15	0.02	ND

Note:

ND = Not detected

MDL = Method Detection Limit

The sample(s) test method and standard are specified by client.

9. 21 CFR 177.1520 for PP

Test method: With reference to FDA 21 CFR 177.1520

Limit: In accordance with the FDA Regulations for polypropylene used in contact with food.

Test Item(s)	st Item(s) Unit Limit		MDL	Test result 2
Extractable fraction in n-hexane at reflux temperature	w/w %	6.4	0.5	ND
Density at 23°C ,	g/cm ³	0.88 - 0.913		ND
Melting Point	°C	160 - 180		ND
Soluble fraction in xylene at 25°C	w/w %	9.8	0.5	ND

Note:

ND = Not detected

MDL = Method Detection Limit

The sample(s) test method and standard are specified by client.



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No. GSL20220629008 Date: Jul. 07,2022

Sample ID.	Test Part Description
1	Black lense
2	Red frame
3	Black frame
4	Silver metal screw

*** END OF REPORT ***



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