

**LAB LOCATION: Norwood, MA USA**

**DATE IN: March 25, 2025**

**REPORT NUMBER: 67425-030083**

**DATE OUT: April 01, 2025**

<b>To:</b>	Lifetime Products		
<b>Contact:</b>	Melinda Marshall		
<b>Address:</b>	Freeport Center Bldg. D12 Clearfield, UT 84016 United States		
<b>Tel:</b>	801-628-4699	<b>Fax:</b>	/
<b>E-mail:</b>	<a href="mailto:mecole@lifetime.com">mecole@lifetime.com</a>		
<b>Copy To:</b>	/		

<b><u>OVERALL RATING</u></b>	
<b>SATISFACTORY</b>	<b>X</b>
<b>UNSATISFACTORY</b>	
<b>Subject to Client's Approval</b>	
<b>NOTE: RATING IS BASED ON TESTING LAB RESULTS. FINAL ACCEPTANCE OR REJECTION IS PER CLIENT ONLY.</b>	

<b>Sample Information</b>			
<b>Product Description:</b>	Plastic Color Samples		
<b>Item/ Style Number:</b>	1161298, 1081380, 1105088, 1165922, 1165920, 1209007, 1170777, 1217547, 1214394, 1206173, 1223089, 1105820, 1165918, 1178803, 1078215, 20027, 20086, 20200, 20031, 1223089, 20202, 1194397, 1216118, 1177234		
<b>Purchase Order Number:</b>	-	<b>No. of Sample Submitted:</b>	23 – Aqua, Orange, Glacier Blue, Dragon Fly Blue, Lime Green, Pink, Maya Blue, Spring Green, Picton Blue, Boulder Gray, Fire Red, Kayak Yellow, Lavender, Seafoam, Forest Green, Almond, Taupe, Yellow, Putty, Gray, Red, Malibu Blue, Jay Blue and Carbonized Gray
<b>Lot/Batch/Tracking Info:</b>	-	<b>Date of Manufacture:</b>	-
<b>Country of Origin:</b>	USA	<b>Country of Destination:</b>	USA
<b>Vendor/ Agent:</b>	Lifetime Products	<b>Manufacturer:</b>	-

<b>Testing Status</b>			
<input type="checkbox"/> Pre-production	<input checked="" type="checkbox"/> Production	<input type="checkbox"/> Retest	<input type="checkbox"/> Previous Report No.:
<b>Other/ Comments:</b>			

For and on behalf of  
**Eurofins MTS Consumer Product Testing US, LLC**  
(Norwood, MA)

*John R. Gerringer*

**John Gerringer, Analytical Director**

Eurofins MTS' smart screening approach is a restricted substance pre-screening method that effectively ensures compliance for any countries that do not require mandatory certification test reports based on a specified test method. Any positive detection results from the screening test will trigger individual tests to be performed according to the preferred test method of the country that restricts the detected substance. For any countries that require mandatory certification test reports based on a specified test method, individual tests will be performed according to the specified test methods to ensure compliance.

**Eurofins MTS Consumer Product Testing US, LLC**

349 Lenox Street, Norwood, MA 02062, USA

Tel: (508) 638-1793 Fax: (508) 638-1759

Sample Photo:










**Testing Result Summary**

Test Property	SAT PASS	UNSAT FAIL	Subject to Client's Approval	COMMENTS
ASTM F963 Soluble Heavy Metals Content	X			See Test Results Below
Lead Content – CPSIA	X			See Test Results Below
Phthalates Content – CPSIA	X			See Test Results Below

**COMPONENT BREAKDOWN LIST:**

Test Item(s)	Component Description
<b>A</b>	<b>Plastic Color Samples</b>
A1	Purple Plastic Pellets (Lavender 1170777)
A2	Blue Plastic Pellets (Jay Blue 1216118)
A3	Green Plastic Pellets (Forest Green 1078215)
A4	Black Plastic Pellets (Carbonized 1177234)
A5	Gray Plastic Pellets (Tabernacle Taupe 20086)
A6	White Plastic Pellets (Almond 20027)
A7	Gray Plastic Pellets (Putty 20031)
A8	Gray Plastic Pellets (Boulder Gray 1223089)
A9	Blue Plastic Pellets (Picton Blue 1206173)
A10	Blue Plastic Pellets (Aqua 1161298)
A11	Blue Plastic Pellets (Maya Blue 1217547)
A12	Blue Plastic Pellets (Glacier Blue 1105088)
A13	Green Plastic Pellets (Seafoam 1178803)
A14	Blue Plastic Pellets (Dragon Fly Blue 1165922)
A15	Green Plastic Pellets (Spring Green 1214394)
A16	Blue Plastic Pellets (Malibu 1194397)
A17	Green Plastic Pellets (Lime Green 1209007)
A18	Yellow Plastic Pellets (Kayak Yellow 1165918)
A19	Yellow Plastic Pellets (Perf Yellow 20200)
A20	Orange Plastic Pellets (Orange 1081380)
A21	Red Plastic Pellets (Fire Red 1105820)
A22	Red Plastic Pellets (Perf Red 20202)
A23	Pink Plastic Pellets (Rhodamine Pink 1165920)

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## TEST RESULTS:

### Total Heavy Metal Screening in Similar Surface Coating Materials and Toys Substrate Materials – ASTM F963-23 Section 4.3.5.1(2) & 4.3.5.2(2)(b) / Section A12.7

Test Item	Mass of Trace Amount (mg)	Result – Total Heavy Metals (mg/kg)								Conclusion
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se	
A1	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A2	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A3	NA	<10	<10	<10	<10	<60	<10	<10	<10	PASS
A4	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A5	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A6	NA	<10	<10	<10	<10	<20	<10	<10	<10	PASS
A7	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A8	NA	<10	<20	<10	<10	<10	<10	<10	<10	PASS
A9	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A10	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A11	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A12	NA	<10	<20	<10	<10	<10	<10	<10	<10	PASS
A13	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A14	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A15	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A16	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A17	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A18	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A19	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A20	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A21	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A22	NA	<10	<10	<10	<10	<10	<10	<10	<10	PASS
A23	NA	<10	<20	<10	<10	<10	<10	<10	<10	PASS
Limit for Surface Coatings and Substrates Other Than Modeling Clay		60	25	1000	75	60	90	60	500	-
Limit for Modeling Clays		60	25	250	50	25	90	25	500	-

Sb = Antimony, As = Arsenic, Ba = Barium, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg = Mercury, Se = Selenium

Method: ASTM F963-23 Section 8.3.1, sample was digested with acid mixture and analyzed by Inductively Coupled Argon Plasma Spectrometer / Inductively Coupled Plasma Mass Spectrometer / ASTM F963-23 Section A12.7, sample was analyzed by X-ray Fluorescence Spectrometry.

**Total Lead Content – Client's Requirement with reference to U.S. CPSC 16 CFR 1303 and U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 101**

Test Item	Classification	Total Lead (Pb) (ppm)		Conclusion
		Result	Client's Requirement	
A1	Accessible substrate	<10	100	PASS
A2	Accessible substrate	<10	100	PASS
A3	Accessible substrate	<10	100	PASS
A4	Accessible substrate	<10	100	PASS
A5	Accessible substrate	<10	100	PASS
A6	Accessible substrate	<10	100	PASS
A7	Accessible substrate	<10	100	PASS
A8	Accessible substrate	<10	100	PASS
A9	Accessible substrate	<10	100	PASS
A10	Accessible substrate	<10	100	PASS
A11	Accessible substrate	<10	100	PASS
A12	Accessible substrate	<10	100	PASS
A13	Accessible substrate	<10	100	PASS
A14	Accessible substrate	<10	100	PASS
A15	Accessible substrate	<10	100	PASS
A16	Accessible substrate	<10	100	PASS
A17	Accessible substrate	<10	100	PASS
A18	Accessible substrate	<10	100	PASS
A19	Accessible substrate	<10	100	PASS
A20	Accessible substrate	<10	100	PASS
A21	Accessible substrate	<10	100	PASS
A22	Accessible substrate	<10	100	PASS
A23	Accessible substrate	<10	100	PASS

Method: ASTM F2853-10 Standard test method for determination of Lead in paint and other similar surface coatings or in substrates and homogenous materials by energy dispersive X-ray Florescence Spectrometry using multiple monochromatic excitation beams.

Note: ppm = part per million = mg/kg (milligram per kilogram)  
" < " = less than

**Phthalates Content – Client's Requirement with reference to U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 108**

Test Item	Result (%) (Remark)								Conclusion
	DBP	BBP	DEHP	DIBP	DCHP	DINP	DnHP/DHEXP	DPP/DPENP	
A1 + A2	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
A3 + A4 + A5	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
A6 + A7 + A8	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
A9 + A14 + A16	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
A10 + A11 + A12	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
A13 + A15 + A17	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
A18 + A19 + A20	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
A21 + A22 + A23	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	PASS
<b>Client's Limit</b>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-

**List of Phthalates:**

Chemical Name	CAS No.	Chemical Name	CAS No.
Dibutyl phthalate (DBP)	84-74-2	Dicyclohexyl phthalate (DCHP)	84-61-7
Butyl benzyl phthalate (BBP)	85-68-7	Di-iso-nonyl phthalate (DINP)	28553-12-0
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3
Di-iso-butyl phthalate (DIBP)	84-69-5	Dipentyl phthalate (DPP/DPENP)	131-18-0

Method: The test is conducted according to the US CPSC Standard Operation Procedure for Determination of Phthalates, January 17, 2018 (CPSC-CH-C1001-09.4)

Note: % = percentage

"<" = less than

">" = more than

**\*\*End of Test Report\*\*****NOTE:**

If there is question or concern regarding the above results, please contact the lab person below:

**Technical question & concern:**

John Gerringer

Director - Analytical

Phone: 508-638-1793

[John.Gerringer@cpt.Eurofinsus.com](mailto:John.Gerringer@cpt.Eurofinsus.com)

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