

**LAB LOCATION: Norwood, MA USA**  
**DATE IN: May 13, 2024**

**REPORT NUMBER: 67424-050035**  
**DATE OUT: May 21, 2024**

<b>To:</b>	Premier Yarns Inc.		
<b>Contact:</b>	Halit Ozbelli		
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	Harrisburg, NC 28075		
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<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>	Chenille Yarn (1150-29 Mustard)		
<b>Item/ Style Number:</b>	Parfait Chunky		
<b>Purchase Order Number:</b>	05072024	<b>No. of Sample Submitted:</b>	1
<b>Lot/Batch/Tracking Info:</b>	-	<b>Date of Manufacture:</b>	-
<b>Country of Origin:</b>	Turkey	<b>Country of Destination:</b>	US
<b>Vendor/ Agent:</b>	-	<b>Manufacturer:</b>	Fistas AS/Bursa, Turkey

<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, Inc.**  
**(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.

**Sample Photo:**



Testing Result Summary				
Test Property	SAT	UNSAT	Subject to Client's Approval	COMMENTS
	PASS	FAIL		
ASTM F963 Soluble Heavy Metals Content	X			See Test Results Below
EN71 Part 3 Soluble Heavy Metals Content	X			See Test Results Below

**COMPONENT BREAKDOWN LIST:**

Test Item(s)	Component Description
A	Chenille Yarn
A1	Yellow Fibers (Yarn 1150-29 Mustard)

**TEST RESULTS:**
**Soluble Heavy Metals Content in Similar Surface Coating Materials and Toys Substrate Materials – ASTM F963-17 Section 4.3.5.1(2) & 4.3.5.2(2)(b)**

Test Item	Mass of Trace Amount (mg)	Result – Soluble Heavy Metals (mg/kg)								Conclusion
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se	
A1	NA	<10	<10	<10	<10	<10	<10	<10	<10	<b>PASS</b>
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 F963-17 Section 8.3.2 (surface coatings) / ASTM F963-17 Section 8.3.5 (substrate material). The heavy metals content was determined by Inductively Coupled Argon Plasma Spectrometer / Inductively Coupled Plasma Mass Spectrometer.

Note: mg/kg = milligram per kilogram  
 mg = milligram  
 "<" = less than  
 NA = Not applicable

**Migration of Certain Elements – EN 71-3:2019+A1:2021**

**Category III: Scraped-off materials**

Extractable Elements	Result (mg/kg)	Migration Limit (mg/kg)
<b>Test Item</b>	A1	-
<b>Mass of Trace Amount (mg)</b>	NA	-
Aluminum (Al)	<10	70000
Antimony (Sb)	<10	560
Arsenic (As)	<10	47
Barium (Ba)	<10	18750
Boron (B)	<10	15000
Cadmium (Cd)	<10	17
Chromium (III) (Cr III)	<10	460
Chromium (VI) (Cr VI)	<10	0.2
Cobalt (Co)	<10	130
Copper (Cu)	<10	7700
Lead (Pb)	<10	160
Manganese (Mn)	<10	15000
Mercury (Hg)	<10	94
Nickel (Ni)	<10	930
Selenium (Se)	<10	460
Strontium (Sr)	<10	56000
Tin (Sn)	<10	180000
Organic Tin	NA	12
Zinc (Zn)	<10	46000
<b>Conclusion</b>	<b>PASS</b>	-

Method: EN 71-3:2019+A1:2021. The heavy metals content was determined by Inductively Coupled Plasma Mass Spectrophotometer (ICP-MS).

For samples of migrated chromium content lower than migration limit of Chromium (VI), no speciation test for Chromium (III) and chromium (VI) were conducted. The results were derived from that of total chromium.

For samples of migrated tin content calculated as tributyl tin lower than migration limit of organic tin, no organic tin test was conducted. The results were derived from that of Tin.

Remark: 1. The material categories of tested item(s) are classified as below per clause 4.1 of this standard.

<b>Category III: Scraped-off materials</b>
Coatings of paints, varnishes, lacquers, printing inks, polymers, foams and similar coatings
Polymeric and similar materials, including laminates, whether textile reinforced or not, but excluding other textiles
Paper and paper board
Textiles, whether natural or synthetic
Glass, ceramic, metallic materials
Other materials whether mass coloured or not (e.g. wood, fibre board, hard board, bone and leather)

2. Result(s) of organic tin reported was / were the sum of Methyltin (MeT), Butyltin (BuT), Dibutyltin (DBT), Tributyltin (TBT), Tetrabutyltin (TeBT), Mono-octyltin (MOT), Di-n-octyltin (DOT), Di-n-propyltin (DProT), Diphenyltin (DPhT) and Triphenyltin (TPhT) expressed as TBT.
3. The accessibility of the submitted sample is verified according to EN71-1 before and after abuse.

Note: mg/kg = milligram per kilogram  
mg = milligram  
"<" = less than  
NA = Not applicable

**\*\*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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