

TEST REPORT

Report Ref.	LEI23010583A Original		
Date Received	10/01/2023	Date Issued	17/01/2023

Company Name & Address	Fabisimo Ltd H4 Upper Brents Faversham, ME13 7DZ GBR
Contact Name	

Order Number	120001015-1
Sample Description	Organic Optic Calico
Ref / Style Number	120001
Colour	
Quality	
Supplier	Prinfab
Batch Number	1
End Use	Various
No Of Samples	1
Quoted Fibre Composition	100% Cotton
Retailer	General

Test	Method	Sample	Result
^Migration of Certain Elements	BS EN71 3:2019		Pass

Tests marked (^) in this report have been performed by an approved 3rd party laboratory.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.



Stephen Ahern
(Administrator)



^Migration of Certain Elements BS EN71 3:2019

	Result in mg/kg	Detection Limit in mg/kg	Requirement in mg/kg
Sample 1: grey woven fabric			
Antimony (Sb)	Not Detected	0.125 ppm	560 ppm
Arsenic (As)	Not Detected	0.125 ppm	47 ppm
Barium (Ba)	Not Detected	0.125 ppm	18750 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	17 ppm
Chromium (III)	Not Detected	0.125 ppm	460 ppm
Lead (Pb)	Not Detected	0.125 ppm	23 ppm
Mercury (Hg)	Not Detected	0.0125 ppm	94 ppm
Selenium (Se)	Not Detected	0.125 ppm	460 ppm
Aluminium (Al)	1.3 ppm	0.125 ppm	28130 ppm
Boron (B)	0.4 ppm	0.125 ppm	15000 ppm
Cobalt (Co)	Not Detected	0.125 ppm	130 ppm
Copper (Cu)	1.5 ppm	0.125 ppm	7700 ppm
Manganese (Mn)	Not Detected	0.125 ppm	15000 ppm
Nickel (Ni)	Not Detected	0.125 ppm	930 ppm
Strontium (Sr)	2.0 ppm	0.125 ppm	56000 ppm
Tin (Sn)	Not Detected	0.125 ppm	180000 ppm
Zinc (Zn)	1.5 ppm	0.125 ppm	46000 ppm
Chromium (VI)	Not Detected	0.0025 ppm	0.053 ppm
Organic Tin	Not Detected	0.125 ppm	ppm
Remark:	mg/kg = milligram per kilogram		
	- Unless the test results were marked with # or Δ, 'Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.		
	- The new lead migration limit 2.0mg/kg for Category (I), 0.5mg/kg for Category (II) and 23 mg/kg for Category (III) was quoted from directive (EU) 2017/738 amending 2009/48/EC effective from 28 October 2018		
	- Organic tin test result was expressed as tributyl tin		

Overall Test Result: Pass
Uncertainty: ±9%



Report Type	Issue Date	Revision Reason	Revision Description
Original	17-Jan-23	Complete Original Issue	N/A

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

