

TEST REPORT

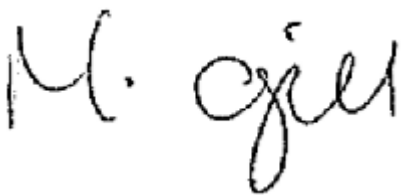
Report Ref.	LEI19014656A Original		
Date Received	25/01/2019	Date Issued	01/02/2019

Company Name & Address	Fashion Formula Ltd Drakeglen House, 35-36 Disraeli Rd London, NW10 7AX GBR
Contact Name	Alexander Wills

Colour	Printed
Quality	Organic, C Panama Natural
Supplier	Fashion Formula
Quoted Fibre Composition	100% Cotton
Retailer	General

Test	Method	Sample	Result
Migration of Toxic Elements	EN 71-3	Beige Woven Panel	Pass
Migration of Toxic Elements	EN 71-3	Multicolour Print	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.



Matthew Gill
(Specialist Team Leader)



Migration of Toxic Elements EN 71-3

Sample: Beige Woven Panel

	Result in mg/kg	Limit in mg/kg
Sample 1: Beige Woven Panel		
Aluminium (Al)	1.1 ppm	0.125 ppm
Antimony (Sb)	ND	0.125 ppm
Arsenic (As)	ND	0.125 ppm
Barium (Ba)	1.3 ppm	0.125 ppm
Boron (B)	1 ppm	0.125 ppm
Cadmium (Cd)	ND	0.125 ppm
Chromium (III) (Cr III)	ND	0.004 ppm
Chromium (VI) (Cr VI)	ND	0.125 ppm
Cobalt (Co)	ND	0.125 ppm
Copper (Cu)	ND	0.125 ppm
Lead (Pb)	ND	0.125 ppm
Manganese (Mn)	2 ppm	0.125 ppm
Mercury (Hg)	ND	0.0125 ppm
Nickel (Ni)	ND	0.125 ppm
Selenium (Se)	ND	0.125 ppm
Strontium (Sr)	3.5 ppm	0.125 ppm
Tin (Sn)	ND	0.2 ppm
Organic Tin	ND	0.125 ppm
Zinc (Zn)	ND	0.125 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%

Migration of Toxic Elements EN 71-3

Sample: Multicolour Print

	Result in mg/kg	Limit in mg/kg
Sample 1: Multicolour Print		
Aluminium (Al)	0.8 ppm	0.125 ppm
Antimony (Sb)	ND	0.125 ppm
Arsenic (As)	ND	0.125 ppm
Barium (Ba)	1.2 ppm	0.125 ppm
Boron (B)	1.1 ppm	0.125 ppm
Cadmium (Cd)	ND	0.125 ppm
Chromium (III) (Cr III)	ND	0.004 ppm
Chromium (VI) (Cr VI)	ND	0.125 ppm
Cobalt (Co)	ND	0.125 ppm
Copper (Cu)	ND	0.125 ppm
Lead (Pb)	ND	0.125 ppm
Manganese (Mn)	2 ppm	0.125 ppm
Mercury (Hg)	ND	0.00125 ppm
Nickel (Ni)	ND	0.125 ppm
Selenium (Se)	ND	0.125 ppm
Strontium (Sr)	3.5 ppm	0.125 ppm
Tin (Sn)	ND	0.2 ppm
Organic Tin	ND	0.2 ppm
Zinc (Zn)	ND	0.125 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%



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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 %. Any Pass/Fail statements do not take into account the Measurement of Uncertainty. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are close to Specification Limits / Requirements.