TEST REPORT

UNICORN FLEECE - FC0001

Applicant

Mr J. Bank
Arista (uk) Ltd T/A Oddies Textiles
Unit 3 Bank House
Greenfield Road
Colne
Lancs
BB8 9NL

Tests requested

EN 71-3:2013+A1:2014 Migration of certain elements

Number of samples: 1 received on 19th July, 2018.

Supplied without packaging in visibly undamaged condition.

Product Description

Pink fleece with unicorn design.

Reference is made in this report to analyses carried out by a sub-contractor laboratory. This testing is outside the scope of UKAS accreditation.

RESULTS **PASS** EN 71-3:2013+A1:2014 Migration of certain elements

Prepared by G. S. Kirkland Date: 6th September, 2018 Signature: S. Kirkland

Authorised on behalf of MTS
by G. S. Kirkland, Lab Manager. Date: 6th September, 2018 Signature: S. Kirkland

Modern Testing Services (UK) Limited, 118 Lupton Avenue, Leeds, LS9 6ED, UK

EN 71-3:2013+A1:2014 Migration of certain elements

Category III - Scraped off material **PASS**

The EN 71-3 screening test used by MTS (UK) tests for the migration of 16 of the 19 'elements' restricted by EN 71-3:2013;

It does not test for the presence of chromium III, chromium VI or organic tin specifically, it does however test for chromium and tin and compliance with the limits for chromium III, chromium VI or organic tin may be inferred from low results from these analyses (see below).

A. Pink textile
B. White unprinted textile

The materials complied with the limits of the 16 elements specifically analysed for (see analysis table).

The migration of tin from the samples was determined to be not greater than 4.9 mg/kg, which, when expressed in the form of tributyl tin, would not be greater than the organic tin limit of 12 mg/kg, the materials can therefore be inferred as complying with the organic tin limit.

The migration of chromium from the sample was not greater than the chromium III limit of 460 mg/kg, the material can therefore be inferred as complying with the chromium III limit.

The migration of chromium from samples was greater than the chromium VI limit of 0.2 mg/kg, the materials required specific chromium VI migration analysis to determine compliance with the chromium VI limit, this was carried out by a sub-contractor and was found to comply with the limit.

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MODERN TESTING SERVICES (UK) LIMITED

Lab Ref: 38071910

Method of test: EN 71-3:2013+A1:2014 Migration of certain element

ANALYSIS RESULTS

Category 3

Date of test: 30/07/18

Samples marked * were sieved, those marked # were centrifuged. Details of additional acid required to lower pH and solvent used for extraction appear in [ ] in sample description.
Deviations from standard method: pH of conventional polymers and textiles not checked; samples only filtered if required to prevent ICP blockages.
Solid to acid extractant ratio exceeded 1:50 with sample weights below 100 mg and when additional acid was used to lower pH.
Quantities of soluble metals determined by inductively coupled plasma spectroscopy.
Test results marked ^ are within the area to which uncertainty of measurement applies & compliance/non-compliance cannot be inferred.

	Metals	Al	Sb	As	Ba	B	Cd	Cr	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn	Zn
	Limits	70000	560	47	18750	15000	17	460.2	130	7700	160	15000	94	930	460	56000	180000	46000
	Wt (Mg)																	
A	235	9	< 5	< 1	< 5	< 5	< 1	0.268	< 5	< 5	< 5	< 5	< 1	< 5	< 5	< 5	< 1.0	< 5
B	228	5	5	< 1	< 5	< 5	< 1	0.351	< 5	< 5	< 5	< 5	< 1	< 5	< 5	< 5	< 1.0	< 5
	END OF SAMPLES																	

Prepared by G. S. Kirkland

Date: 6th September, 2018

Signature: S. Kirkland