


100% POLYESTER ANTIPIIL FLEECE PR - FC0013/22/24/25

**Applicant:** Mr J. Bank  
 Arista (UK) Ltd t/a Oddies Textiles  
 Unit 3 Bank House  
 Greenfield Road  
 Colne  
 Lancs  
 BB8 9NL

	MTS Lab Reference:	<b>39090507</b>
	Report Date:	11/09/19
	Number of Samples:	4
	Received on:	05/09/19
	Condition received:	Supplied without packaging visibly undamaged condition.

Samples of fleece textile; Red heart design, pink rabbit design, blue and red UK flag design and Beige and orange fox design.

**RESULTS**

EN 71-3:2013+A3:2018 Migration of certain elements	<b>PASS</b>
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Prepared by G. S. Kirkland

Date: 11th September, 20 Signature: *G. Kirkland*

Authorised on behalf of MTS

by G. S. Kirkland, Lab Manager

Date: 11th September, 20 Signature: *G. Kirkland*

Page 1 of 3 pages.

This report is issued in accordance with MTS (UK)'s terms and conditions which are available on request.

**Modern Testing Services (UK) Limited**

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Registered Company 7337435

VAT Registration Number: 997452852

**EN 71-3:2013+A3:2018 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+A3:2018;

Please note that a new chromium VI limit of 0.053 mg/kg, imposed by EU Directive 2018/725 will come into force on 18 November 2019, applicable to toys which are placed on the market from this date, this has been applied to these results

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. FC0024 Red
- B. FC0024 Blue
- C. FC0024 White
- D. FC0025 Pink
- E. FC0025 White
- F. FC0022 Red
- G. FC0022 White
- H. FC0013 Beige
- I. FC0013 Orange
- J. FC0013 White
- K. FC0013 Black

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

The migration of tin from the sample(s) 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 material(s) can therefore be inferred as complying with the organic tin limit.

The migration of chromium from the sample(s) was not greater than the chromium III limit of 460 mg/kg or the chromium VI limit of 0.053 mg/kg, the material(s) can therefore be inferred as complying with the chromium III and chromium VI limits.

~~~End of page~~~

Method of test: EN 71-3:2013+A3:2018 Migration of certain elements

ANALYSIS RESULTS

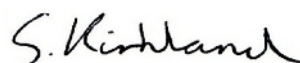
Category 3

Date of test: 10/09/19

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 | 23 | 15000 | 94 | 930 | 460 | 56000 | 180000 | 46000 |

|   | Wt (Mg)        | Al  | Sb  | As  | Ba  | B   | Cd  | Cr      | Co  | Cu  | Pb    | Mn  | Hg  | Ni  | Se  | Sr  | Sn    | Zn  |
|---|----------------|-----|-----|-----|-----|-----|-----|---------|-----|-----|-------|-----|-----|-----|-----|-----|-------|-----|
| A | 180            | 16  | 5   | < 1 | < 5 | < 5 | < 1 | 0.039   | < 5 | < 5 | 0.3   | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| B | 206            | 13  | 7   | < 1 | < 5 | < 5 | < 1 | 0.036   | < 5 | < 5 | 0.3   | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| C | 216            | 11  | 7   | < 1 | < 5 | < 5 | < 1 | 0.010   | < 5 | < 5 | 0.2   | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| D | 226            | < 5 | < 5 | < 1 | < 5 | < 5 | < 1 | < 0.001 | < 5 | < 5 | < 0.1 | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| E | 94             | 6   | 8   | < 1 | < 5 | < 5 | < 1 | < 0.001 | < 5 | < 5 | 0.3   | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| F | 192            | 9   | < 5 | < 1 | < 5 | < 5 | < 1 | 0.012   | < 5 | < 5 | 0.3   | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| G | 196            | 9   | < 5 | < 1 | < 5 | < 5 | < 1 | 0.012   | < 5 | < 5 | 0.4   | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| H | 206            | < 5 | 5   | < 1 | < 5 | < 5 | < 1 | < 0.001 | < 5 | < 5 | < 0.1 | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| I | 215            | < 5 | 22  | < 1 | < 5 | < 5 | < 1 | 0.018   | < 5 | < 5 | < 0.1 | < 5 | < 1 | < 5 | < 5 | < 5 | 1.4   | < 5 |
| J | 201            | < 5 | 17  | < 1 | < 5 | < 5 | < 1 | 0.025   | < 5 | < 5 | < 0.1 | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
| K | 197            | < 5 | 34  | < 1 | < 5 | < 5 | < 1 | 0.025   | < 5 | < 5 | < 0.1 | < 5 | < 1 | < 5 | < 5 | < 5 | < 1.0 | < 5 |
|   | END OF SAMPLES |     |     |     |     |     |     |         |     |     |       |     |     |     |     |     |       |     |



# 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:

A handwritten signature in black ink, appearing to read 'G. S. Kirkland'.

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

Signature:

A handwritten signature in black ink, appearing to read 'G. S. Kirkland'.

Page 1 of 3 pages.

**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.

~~~End of page~~~

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

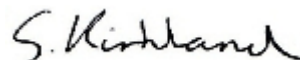
ANALYSIS RESULTS

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 |     |     |       |       |     |       |       |      |     |       |     |     |     |       |        |       |     |



# TEST REPORT

## PRINTED FLEECE - C5930



### Applicant

Mr J. Bank  
Oddies Textiles  
Unit 3, Bank House  
Greenfield Road  
Colne  
Lancashire  
BB8 9NL

### Tests requested

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

Number of samples: 1 received on 17th November, 2016.

Supplied without packaging in visibly undamaged condition.



### Product Description

Fleece textile of a 'tiger' print.

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

Prepared by G. S. Kirkland

Date: 21st November, 2016

Signature:

Handwritten signature of G. S. Kirkland in black ink.

Authorised on behalf of MTS

by G. S. Kirkland, Lab Manager. Date: 21st November, 2016

Signature:

Handwritten signature of G. S. Kirkland in black ink.

Page 1 of 3 pages.

**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. Tiger printed textile

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

The migration of tin from the sample 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 material 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 or the chromium VI limit of 0.2 mg/kg, the material can therefore be inferred as complying with the chromium III and chromium VI limits.

~~~End of page~~~



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

ANALYSIS RESULTS

Category 3

Date of test: 00/00/00

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       | 212<br>END OF SAMPLES | 5   | 17 | < 1   | < 5   | < 5 | < 1   | < 0.1 | < 5  | < 5 | < 5   | < 5 | < 1 | < 5 | < 5   | < 5    | < 1   | < 5 |

# TEST REPORT

## PRINTED FLEECE - ES012



### Applicant

Mr J. Bank  
Oddies Textiles  
Unit 3, Bank House  
Greenfield Road  
Colne  
Lancashire  
BB8 9NL

### Tests requested

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

Number of samples: 1 received on 17th November, 2016.

Supplied without packaging in visibly undamaged condition.



### Product Description

Grey fleece textile with white stars.

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

Prepared by G. S. Kirkland

Date: 21st November, 2016

Signature:

Handwritten signature of G. S. Kirkland in black ink.

Authorised on behalf of MTS

by G. S. Kirkland, Lab Manager. Date: 21st November, 2016

Signature:

Handwritten signature of G. S. Kirkland in black ink.

Page 1 of 3 pages.

**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. Grey/White star textile

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

The migration of tin from the sample 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 material 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 or the chromium VI limit of 0.2 mg/kg, the material can therefore be inferred as complying with the chromium III and chromium VI limits.

~~~End of page~~~

Method of test: EN 71-3:2013+A1:2014 Migration of certain element **ANALYSIS RESULTS** **Category 3** Date of test: 00/00/00

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       | 219<br>END OF SAMPLES | 8   | 29 | < 1   | < 5   | < 5 | < 1   | < 0.1 | < 5  | < 5 | < 5   | < 5 | < 1 | < 5 | < 5   | < 5    | < 1   | < 5 |

Our Ref: SW/MG/RM

15 April 2015

**Report 251335/3**

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Oddies Textiles  
Unit 3 Bank House  
Greenfield Road  
Colne  
Lancashire  
BB8 9NL

Contact: Edward Bank

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|                       |   |                    |
|-----------------------|---|--------------------|
| DATE RECEIVED         | : | 13 MARCH 2015      |
| QUALITY/REFERENCE     | : | C5593 – BLACKWATCH |
| REPUTED FIBRE CONTENT | : | NOT GIVEN          |
| FABRIC DESCRIPTION    | : | WOVEN              |

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REQUEST: EN71-3:2013 Toxicity

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COMMENTS: See report

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**S. WISEMAN**  
**LABORATORY MANAGER**



**M. GRAINGER**  
**SENIOR TECHNOLOGIST**

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This test has been sub-contracted

Category III Analysis results

**PASS**

**Category III - Scraped off material**

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. C5593 Blackwatch**

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

The migration of tin from the sample 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 material 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 or the chromium VI limit of 0.2 mg/kg, the material can therefore be inferred as complying with the chromium III and chromium VI limits.

Our Ref: SW/MG/RM

15 April 2015

**Report 251335/3**

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**C5593 Blackwatch**

| Metal | Method                               | Limit  | Results |
|-------|--------------------------------------|--------|---------|
| Al    | Composite<br>BS EN 71-3:2013 Testing | 70000  | 10      |
| Sb    |                                      | 560    | 6       |
| As    |                                      | 47     | <1      |
| Ba    |                                      | 18750  | <5      |
| B     |                                      | 15000  | <5      |
| Cd    |                                      | 17     | <1      |
| Cr    |                                      | 460.2  | <0.1    |
| Co    |                                      | 130    | <5      |
| Cu    |                                      | 7700   | <5      |
| Pb    |                                      | 160    | <5      |
| Mn    |                                      | 15000  | <5      |
| Hg    |                                      | 94     | <1      |
| Ni    |                                      | 930    | <5      |
| Se    |                                      | 460    | <5      |
| Sr    |                                      | 56000  | <5      |
| Sn    |                                      | 180000 | <1      |
| Zn    |                                      | 46000  | <5      |

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.

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 spectrophotometry.

All results are expressed in mg/Kg based on toy material after analytical correction factors have been applied