

SPECTRUM YARNS LTD
SPA MILLS, NEW STREET,
SLAITHWAITE
HUDDERSFIELD
WEST YORKSHIRE
HD7 5BB
UNITED KINGDOM

Test Report No. BTO 289289/2

Issue Date: 24/05/2021

Attn: Joanne Holroyd

The following sample was submitted and identified by the client as:

Sample Name: Stylecraft Naturals Organic Cotton

Sample Reference: 4256 Flax, 4251 Carrot

Sample Description: 2 Knitting cottons 50g each, one beige and one orange. each with a label
(Only beige tested)

Sample Submitted: 27th April 2021

Testing Period: Testing conducted between 3rd May 2021 and 17th May 2021
(Please note that this testing was conducted at another laboratory within the SGS group of companies)

Tests Requested: Please refer to the result summary.

Test Method & Results: Please refer to next page(s)

Result Summary:

Test Requested	Conclusion
Migration of Certain Elements – Category III – Chromium VI Confirmation (Selected test item as specified by the applicant, please refer to test result page for details)	Pass

Signed for and on behalf of
SGS United Kingdom Ltd.



.....
Chris Walker, BSc (Hons)
Technical Manager

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APPENDIX

Test Results:

Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725 – EN71-3: 2019 – Migration of certain elementsCategory III: Scraped off toy material

Method: Chromium (VI) was analysed by IC-UV/VIS / LC-ICP-MS.

Test Item		Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (EN71-3: 2019) (mg/kg)
		A1		
Mass of trace amount	(mg)	--	--	--
Soluble Chromium (III)	(Cr (III))	ND	5	460
Soluble Chromium (VI)	(Cr (VI))	ND	0.053	0.053
Conclusion		Pass		

Specimen Description:

A1. Beige cotton.

Note:

mg/kg = milligram per kilogram

mg = milligram

ND = Not Detected (lower than MDL)

MDL = Method Detection Limit

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HUDDERSFIELD
WEST YORKSHIRE
HD7 5BB
UNITED KINGDOM

Attn: Joanne Holroyd

Test Report No. BTO 289289/1

Issue Date: 30 April 2021

The following sample was submitted and identified by the client as:

Sample Name: Stylecraft Naturals Organic Cotton
Sample Reference: 4256 Flax, 4251 Carrot
Sample Description: 2 Knitting cottons 50g each, one beige and one orange. each with a label
Sample Submitted: 13th April 2021
Testing Period: Testing conducted between 15th April 2021 and 20th April 2021
Testing Required: Although this item is not a toy SGS was requested to test for compliance with the European Standard on Safety Of Toys:

BSEN 71-3:2019

Result:

See Appendix ⁽¹⁾

⁽¹⁾ *Confirmation testing is recommended for Chromium (VI) on sample 2*

Conclusion:

The submitted samples as detailed above, complied with the requirements as listed above apart from the levels of Chromium (VI) which could not be confirmed and further confirmation testing is recommended.

Signed for and on behalf of
SGS United Kingdom Ltd.



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Chris Walker, BSc (Hons)
Technical Manager

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APPENDIX A

**BSEN 71-3:2019
Migration of Certain Elements**

Method: With reference to BSEN 71-3:2019

Analysis of general elements was performed by ICP-MS. Category (III) scraped off toy material.

Adjusted Analytical Results: Results Quoted as mg of soluble element per Kg material.

	Category Limits			Sample Reference	
	I	II	III	1	2
Aluminium (Al)	5625	1406	70000	<50	<50
Antimony (Sb)	45	11.3	560	<1	<1
Arsenic (As)	3.8	0.9	47	<0.15	<0.15
Barium (Ba)	1500	375	18750	<50	<50
Boron (B)	1200	300	15000	<50	<50
Cadmium (Cd)	1.3	0.3	17	<0.15	<0.15
Chromium (Cr)	-	-	-	0.04	0.6
Chromium (III) (Cr (III))	37.5	9.4	460	Not Conducted#	
Chromium(VI) (Cr (VI))	0.02	0.005	0.053	Not Conducted#	
Cobalt (Co)	10.5	2.6	130	<1	<1
Copper (Cu)	622.5	156	7700	<5	<5
Lead (Pb)	2	0.5	23	<0.5	<0.5
Manganese (Mn)	1200	300	15000	<50	<50
Mercury (Hg)	7.5	1.9	94	<0.25	<0.25
Nickel (Ni)	75	18.8	930	<50	<50
Selenium (Se)	37.5	9.4	460	<1	<1
Strontium (Sr)	4500	1125	56000	<50	<50
Tin (Sn)	15000	3750	180000	0.10	<0.1
Organic Tin	0.9	0.2	12	Not Conducted^	
Zinc (Zn)	3750	938	46000	<50	<50

Results of Analysis –Further analysis is recommended to determine levels of Chromium (VI) on sample 2

Sample Ref:	Sample Description & Location	Category		
		I	II	III
1.	Orange Cotton			✓
2.	Beige Cotton			✓

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Note : - mg/kg = milligram per kilogram
- 1% = 10000 mg/kg = 10000 ppm

- # Levels of Soluble Chromium (III) & Chromium (VI) were not separately determined.

The level of Soluble Chromium detected on sample 1 did not exceed the stricter limit for Chromium (VI) as specified in BSEN 71-3:2019

As the level of Soluble Chromium on sample 2 detected exceeded the stricter limit for Chromium (VI) as specified in BSEN 71-3:2019 further testing is recommended to determine the levels of Chromium (VI)

- ^ The level of Soluble Organic Tin was not determined.

The level of Soluble Tin, after conversion, detected on samples did not exceed the stricter limit for Organic Tin as specified in BSEN 71-3:2019

Note: Any statement of conformity made in this report unless otherwise stated in the above test specification(s) is in line with SGS United Kingdom (Bradford) Decision rule BRAD-GEN-049. Details can be found on the following link [17025-requirement-and-approach-to-decision-rule](#)

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