



SPECTRUM YARNS LTD
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HUDDERSFIELD
WEST YORKSHIRE
HD7 5BB
UNITED KINGDOM

Test Report No. BTO 281750/1
Issue Date: 27th August 2020

Attn: Joanne Holroyd

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

Sample Name: Naturals Bamboo, Cotton Shade 7163 Lavender Dye 4040
Sample Reference: 4040
Sample Description: Ball of knitting yarn, 9 cm diam.
Sample Submitted: 11th August 2020
Testing Period: Testing conducted between 17th August 2020 and 21st August 2020
(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
Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725 – EN71-3:2019 Migration of certain elements	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 elements

Category III: Scraped-off toy material

Method: With reference to EN 71 Part 3: 2019. Analysis of general elements was performed by ICP- OES.

Test Item(s)	Result(s) (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (EN71-3:2019) (mg/kg)
Specimen No.	A1	-	-
Mass of trace amount (mg)	--	-	-
Soluble Aluminium (Al) (mg/kg)	ND	50	70,000
Soluble Antimony (Sb) (mg/kg)	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	50	18,750
Soluble Boron (B) (mg/kg)	ND	50	15,000
Soluble Cadmium (Cd) (mg/kg)	ND	5	17
Soluble Chromium (Cr) (mg/kg)	ND	0.053	--
Soluble Chromium#(III) (Cr (III)) (mg/kg)	--	5	460
Soluble Chromium#(VI) (Cr(VI)) (mg/kg)	--	0.053	0.053
Soluble Cobalt (Co) (mg/kg)	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	50	7,700
Soluble Lead (Pb) (mg/kg)	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	50	15,000
Soluble Mercury (Hg) (mg/kg)	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	50	56,000
Soluble Tin (Sn) (mg/kg)	ND	4.9	180,000
Soluble Organic Tin [^] - (mg/kg)	--	--	12
Soluble Zinc (Zn) (mg/kg)	ND	50	46,000
Conclusion	PASS	--	--

Specimen Description:

- Purple Yarn

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Note:

- mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- 1% = 10000mg/kg = 10000ppm

The test result of soluble chromium (III) and chromium (VI) were derived from soluble chromium screening and then confirmation test for soluble chromium (III) and soluble Chromium (VI) on component with soluble chromium exceeding the screening limit of 0.053 mg/kg soluble Cr.

- ^ The test result of soluble organic tin was derived from soluble tin screening and then confirmation test for soluble organic tin on component exceeding the screening limit of 4.9 mg/kg soluble Sn.



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*** End of Report ***

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