

TEST REPORT

NUMBER: LTR23090038A

APPLICANT: Cygnet Yarns Ltd
12-14 Adelaide Street
Broomsfields
Bradford
BD5 0EA

DATE: 12 September 2023

For the attention of Katie / Aaron

SAMPLE DESCRIPTION: Colour Rush DK – Pepper 661 – 100% Superior Acrylic,
Deluxe Cygnet DK – Clover 186 – 100% Superior Acrylic,
Pato Everyday DK – Petrol 989 – 100% Acrylic,
100% Cotton – Black 2177 – 100% Cotton,
Pure Wool Superwash – Gold 2155 – 100% Pure New Wool

RETAILER: Cygnet Yarns

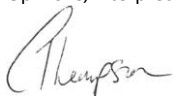
SAMPLES RECEIVED: 5 September 2023

PURCHASE ORDER: INT30082023

TEST REQUEST: ^BS EN 71-3: 2019+A1:2021, EN 71-3: 2019+A1:2021

CONCLUSION: The results of the tests carried out **MEET** the requirements of the requested Standard

Tests marked (^) in this report are included in the scope of accreditation of the sub-contractor who performed the test.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.
Tests marked (**) in this report are not included in the scope of accreditation of the sub-contractor who performed the test.
Opinions, interpretations and comments expressed herein are outside the scope of accreditation.



Claire Thompson
Operations Manager
Hardlines UK & Eire



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Specification: BS EN 71-3: 2019+A1:2021, EN 71-3: 2019+A1:2021

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP-MS

Category	TEST	RESULTS
III	Scraped off toy material	Pass

Note: The results for chromium (III), chromium (VI) and organic tin are based on the overall migration of chromium and tin respectively and specific testing for these chemicals was not carried out (unless confirmation testing is indicated). This is in accordance with Annex I of the standard.

MATERIALS SAMPLED

No.	DESCRIPTION	Sample weight (<100mg)
CATEGORY III – SCRAPED OFF		
1	Multicolour yarn (Colour Rush DK - Pepper 661)	
2	Mint green yarn (Deluxe Cygnet DK - Clover 186)	
3	Blue yarn (Pato Everyday DK - Petrol 989)	
4	Black yarn (Cotton 100% - Black 2177)	
5	Dark yellow yarn (Pure Wool Superwash - Gold 2155)	

Where sample weights are written above these were less than 100 mg. The migration results below for these samples have been calculated as though the sample weight were 100 mg.

CATEGORY III - SCRAPED OFF

Element	Analytical Results																	Theoretical Maximum Results		
	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Al	B	Co	Cu	Mn	Ni	Sr	Sn	Zn	Cr (III)	#Cr (VI)	##OT
EN71-3 Limit	560	47	18750	17	–	23	94	460	28130	15000	130	7700	15000	930	56000	180000	46000	460	0.053	12
1	<0.2	<0.1	<100	<0.125	<0.004	<0.125	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.004	<0.2
2	<0.2	<0.1	<100	<0.125	<0.004	<0.125	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.004	<0.2
3	<0.2	<0.1	<100	<0.125	<0.004	<0.125	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.004	<0.2
4	<0.2	<0.1	<100	<0.125	<0.004	<0.125	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.004	<0.2
5	<0.2	<0.1	<100	<0.125	<0.004	<0.125	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.004	<0.2

The reporting limits are as stated in the table above.

OT = Organic tin

All results and the limits are quoted as mg/kg (ppm) of the named material.



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† Sample weight of items marked with a cross was less than 100mg. The toxic metal content has been calculated as though the sample weight were 100mg.

Actual levels of chromium (III) or chromium (VI) have not been determined in this analysis, only overall levels of migratable chromium (III) have been analysed: the maximum theoretical amount of chromium (VI) will be equal to or less than the number reported above. Where the value in either of these columns is greater than the associated limit we would advise further testing to accurately determine chromium (III) chromium (VI) levels.

In the case of Category 2 samples we advise testing for chromium (III) and chromium (VI) is carried out on all samples due to the very low PASS/FAIL limit related to these materials

Actual levels of organic tin have not been determined in this analysis: the maximum theoretical amount of any single organic tin can be different. The result for organic tin presented is calculated as if all the tin were present as TBT (Tri-butyl Tin) only.

Date of Testing: 7–11 September 2023



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END OF REPORT

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