

TEST REPORT

NUMBER: LTR23060069A

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

DATE: 30th June 2023

For the attention of Katie Stephenson

SAMPLE DESCRIPTION: Cygnet Deluxe DK

REFERENCE / STYLE NO.: 211 Aqua, Batch No. 644602

RETAILER: Cygnet Yarns

SAMPLE RECEIVED: 9th June 2023

PURCHASE ORDER: PO070623

TEST REQUEST: **EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - TCEP, TCPP and TDCP content
**EU Commission Directive 2019/1929 amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - Formaldehyde requirement in textile toy material with effect from 21 May 2021
**Biocides content

CONCLUSION: The results of the tests carried out **MEET** the requirements of the requested Directive.
Please see results of biocides content on page

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.



GEORGE CARTER
Technician
HARDLINES



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Flame retardants (TCEP, TCPP, TDCP) Content

Test Method: By solvent extraction and determined by Gas Chromatographic-Mass Spectrometry (GC-MS).

Compound	Result (mg/kg)	Limit (mg/kg)
	Greenish blue yarn	
Tris(2-chloroethyl) phosphate (TCEP)	<1	5
Tris(1-chloro-2-propyl) phosphate (TCPP)	<1	5
Tris(2-chloro-1-(chloromethyl)ethyl) phosphate (TDCP)	<1	5

Remark: mg/kg = milligram per kilogram

The above limit was quoted according to EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards TCEP, TCPP and TDCP

Formaldehyde Content

Test Standard: EN ISO 14184-1: 2011.

Tested Component	Result (mg/kg)	Limit (mg/kg)
Greenish blue yarn	< 5	30 (max.)

Remark: mg/kg = milligram per kilogram

The above limit was quoted according to EU Commission Directive 2019/1929 amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards Formaldehyde with effect from 21 May 2021.



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Biocides Content

Test method: By solvent extraction and followed by Liquid Chromatographic - Mass Spectrometric (LC-MS) analysis.

Compound	Result (mg/kg)
	Greenish blue yarn
Triclosan	<10
5-Chloro-2-methyl-4-isothiazolin-3-one (CMI)	<10
2-Methyl-4-isothiazolin-3-one (MIT)	<10
2-Octyl-4-isothiazolin-3-one (OIT)	<10
1,2-Benzylisothiazolin-3-one (BIT)	<10

Remark: mg/kg = milligram per kilogram
Detection limit = 10 mg/kg



END OF REPORT

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