TECHNICAL REPORT

for

Sinead Doyle
Chieftain Fabrics
Wellington Place
Summerhill Road
Trim
Meath
C15 W248
Republic of Ireland

Customer Order No:	Sinead Doyle	**Job Reference:**	Trimcell
Supplied by:	Not specified	**Date Work Confirmed:**	02/10/2020
Supplying to:	Not specified	**Date Completed:**	09/10/2020
Description of Sample Submitted:	Various please see table on page two		

QUALITY TESTING

The testing has been completed on the samples provided against the specification listed and may not be representative of full specification testing:

Client Specification

for the properties requested only and was found to:

Comply

Additional comments/information (if relevant)

Please note, the original report (ref RT201-5838) has been split out to individual reports for each sample submitted.

pp
Dan Holmes
Materials Technologist

Edward Hynd
Laboratory Manager

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CPSC LABORATORY IDENTIFICATION NUMBER
1049

DETAILS OF SAMPLE RECEIVED

Sample reference	Description	Unique reference/identifier
S1	Just Colour Pillarbox	
S2	Lionella Red October	
S3	Just Patterns Scarlett	
S4	Trimcell Poppy	Sample Tested
S5	Carino Amore	
S6	Chieftain Ember	

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TEST RESULTS – S4

Test	Requirement			Result	Pass/Fail
Maintainability	Colour change: minimum 4-5	After Cleaning	Ketchup	GSR 4-5	*Pass*
			Alcohol based surface cleaner	GSR 4-5	
			Artificial sweat	GSR 4-5	
			Hydrogen peroxide	GSR 4-5	
			Bleach	GSR 4-5	
			Synthetic urine	GSR 4-5	
			Coffee	GSR 4-5	
			Red wine	GSR 4-5	
			Soling cloth	GSR 4-5	
			Blood	GSR 4-5	
		After Polishing	Ketchup	GSR 4-5	
			Alcohol based surface cleaner	GSR 4-5	
			Artificial sweat	GSR 4-5	
			Hydrogen peroxide	GSR 4-5	
			Bleach	GSR 4-5	
			Synthetic urine	GSR 4-5	
			Coffee	GSR 4-5	
			Red wine	GSR 4-5	
			Soling cloth	GSR 4-5	
			Blood	GSR 4-5	

STANDARD TECHNICAL NOTES

(all may not be applicable)

Terms and Conditions	Our Terms and Conditions of Testing can be found at www.blcleathertech.com
†	Tests within the scope of accreditation
SC	Test performed by a competent, Eurofins | BLC approved partner laboratory
I/S	Insufficient Sample was submitted to perform the test
Opinions	Any opinions and interpretations expressed in this test report are based on current knowledge and experience and fall outside of the scope of ISO 17025 accreditation
Sample disposal	Stable samples will be disposed of after 6 weeks unless otherwise instructed. All other samples will be disposed of on completion of testing
Conditioning	Where necessary, the sample was conditioned and tested at 23°C ± 2°C and 50% ± 5% RH as specified in the reference standard atmosphere requirements of BS EN ISO 2419:2012 (leather) or in the alternative specific standard atmosphere requirements of BS EN ISO 139:2005 + A1:2011 (textile).
ND	None Detected (detection limits are included with the test results)
N/S	Not Scrapable (refers to the finish, meaning it cannot be removed for testing)
GC-MS	Gas Chromatography with Mass Spectroscopy
LC-MS	Liquid Chromatography with Mass Spectroscopy
ICP-MS	Induction Coupled Plasma with Mass Spectroscopy
HPLC	High Performance Liquid Chromatography
Composite analysis	If the result multiplied by the number of composited samples exceeds the requirement, then testing of the individual samples may be performed or recommended.
Azo dyes analysis	Accreditation excludes: 2,4 – Diaminoanisole
BWS	Blue Wool Scale (used for measuring exposure in the UV light fading test)
GSR	Grey scale rating. Used to express degree of staining and/or colour change. GSR 5 = no colour change / no staining; GSR 1 = maximum colour change / maximum staining. Visual assessment of GSR is subjective and associated with an uncertainty of ± half a Grey scale unit. This should be taken into account when determining compliance with a specification. Grey scale results are assessed visually. Multifibre adjacent fabric complies with ISO 105-F10.
Crockmeter – Textile	Testing carried out at 23± 2°C and 50% ± 5% rh. A 16mm rubbing finger with a 9± 0.2N was used. For wet testing a 95-100% level of soak is achieved for the cotton.
BS EN ISO 11644	Test uses a single-component cyanoacrylate adhesive. Where possible four samples are tested and taken from the official sampling position (if known).
Chemical Analysis	Certain tests such as: Phthalates, Carcinogenic dyes, Allergenic disperse dyes, PAHs, Azo dyes, Organotins, Nitrosamines and Pesticides have multiple elements tested. For a full list of chemicals tested within these analyses please refer to the specification cited within this report. For further information contact info@blcleathertech.com
Decision Rule and Uncertainty of Measurement	Unless requested, the Eurofins | BLC's decision rule and estimated uncertainties of measurement will be used. For further information, please visit https://www.blcleathertech.com/contentfiles/files/QD026%20-%20Application%20of%20Uncertainty%20of%20Measurement%20and%20Decision%20Rule%20-%20V1.pdf
Amendment	Please note, the original report (ref RT201-5838) has been split out to individual reports for each sample submitted.