



**Confidential Report**

**Our Ref: 75886**

Date: 28 October 2024

Our Ref: 75886

Certificate Ref: Not applicable

Page: Page 2 of 5

Client: Camira Fabrics Ltd  
The Watermill, Wheatley Park  
Mirfield  
West Yorkshire  
United Kingdom  
WF14 8HE

Work Requested: Formaldehyde Testing according to ISO 14184-1 & 2.

Date of Receipt: 15/10/2024

Date Work Started: 15/10/2024

Description of Samples Received:	<u>STL Code</u>	<u>Description</u>
	243667	Sample Name.Kork; Batch No.500413; Colour.Smokey Composition surface - 93% Cork,

Note: This report relates only to the samples submitted and as described in this report.

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Certificate Ref: Not applicable  
Page: Page 3 of 5

#### Released Formaldehyde BS EN ISO14184 Part 2:2011

This part of ISO 14184 specifies a method for determining the amount of formaldehyde released under the conditions of accelerated storage from textiles in any form by means of a vapour absorption method. Formaldehyde is extracted from a textile sample with water at 50°C for 20 hours. The amount of formaldehyde is then determined colorimetrically.

The procedure is intended for use in the range of releasable formaldehyde on the fabric between 20mg/kg and 3500mg/kg when determined by this method. The method detection limit is 16 mg/kg. Below this limit, the result is reported as “not detectable”

We apply a 5% acceptance criteria for all replicates.

Expanded uncertainty of measurement where  $k=2$  (approximately 95% confidence level) =  $\pm 2.5$  mg/kg

#### Free & Hydrolysed Formaldehyde BS EN ISO 14184 Part 1:2011

This part of ISO 14184 specifies a method for determining the amount of free formaldehyde and formaldehyde extracted partly through hydrolysis by means of a water extraction. The method can be applied to the testing of textile samples in any form.

Formaldehyde is extracted from a textile sample with water at 40°C for 1 hour. The amount of formaldehyde is then determined colorimetrically.

The procedure is intended for use in the range of free and hydrolysed formaldehyde on the fabric between 16mg/kg and 3500mg/kg when determined by this method. The method detection limit is 16 mg/kg. Below this limit, the result is reported as “not detectable”.

We apply a 5% acceptance criteria for all replicates.

Expanded uncertainty of measurement where  $k=2$  (approximately 95% confidence level) =  $\pm 2.5$  mg/kg

Date: 28 October 2024

Our Ref: 75886

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Page: Page 4 of 5

Test Results (mg/kg unless stated)**Released Formaldehyde (mg/kg)**

Released Formaldehyde

<b>243667</b>
8.0

**CHEM BS EN ISO 14184-1**

Formaldehyde (mg/kg)

<b>243667</b>
n.d.

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Page: Page 5 of 5

Conclusions

Reported by:



Sumera Ahmad  
Section Leader - Chemistry

Countersigned by:



Gareth Heywood  
Manager - Chemistry and Biology

Enquiries concerning this report should be addressed to Customer Services.