

TECHNICAL REPORT

for
Bent-Erik Weiglin-Chrone
Scan-Hide A/S
 Industrivej 15
 Vester Skerninge
 DENMARK
 5762

Customer Order No:	-	Job Reference:	EFS624050407-CG-01
Supplied by:	Not Specified	Date received:	17/05/2024
Supplying to:	Not Specified	Date issued:	30/05/2024
Testing Period:	17/05/2024 - 30/05/2024		

Testing to GADSL 16617 (wb) - 16622 (ww)



The samples tested in this report have been assessed against the requirements of the specifications listed for the **SELECTED TESTS ONLY**. Statements of compliance against any specification relate exclusively to the sample tested as requested by the client and may not be representative of full specification testing:

GADSL Specification 2023

According to the requirements, the sample(s) were found to:

Comply

with the requirements of the above specification.

Additional comments/information (if relevant)

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Louisa Smith
 Report Writer .



Gabriel Moran Malagon
 Analytical Team Leader .

DETAILS OF SAMPLE RECEIVED

Sample Reference	Description	Unique Reference/Identifier
A	GADSL: 16617 (wb)	-
B	GADSL: 16622 (ww)	-

TEST RESULT SUMMARY

Test	Method	Pass/Fail
Chromium VI - After Heat Ageing	Heat Ageing followed by BS EN ISO 17075-2:2017 (80 ± 2)C and relative humidity less than 10% for 24 h, BS EN ISO 10195:2021 method A2	Pass
Formaldehyde	BS EN ISO 17226-1:2021	Pass
Fungicide Analysis	BS EN ISO 13365-1:2020	-
MCCP (C14-C17)	BS EN ISO 18219-2:2021	Pass
NPEO/NP/OPEO/OP in leather	BS EN ISO 18218-2:2019	Pass
SCCP (C10-C13)	BS EN ISO 18219-1:2021	Pass

TEST RESULTS

Chromium VI - After Heat Ageing

†Heat Ageing followed by BS EN ISO 17075-2:2017, (80 ± 2)C and relative humidity less than 10% for 24 h, BS EN ISO 10195:2021 method A2

Detection limit: 3 mg/kg

Test Component	Unit	Requirement	Uncertainty of Measurement ±	Sample A Result	Sample B Result
Chromium (VI)	mg/kg	<3.0	10.2%	ND	ND
Conclusion (Pass / Fail)				Pas	Pass

Formaldehyde

BS EN ISO 17226-1:2021

Detection limit: 1 mg/kg

Test Component	Unit	Requirement	Uncertainty of Measurement ±	Sample A Result	Sample B Result
Formaldehyde	mg/kg	<1000	5.7%	1.5	5.2
Conclusion (Pass / Fail)				Pass	Pass

Fungicide Analysis

†BS EN ISO 13365-1:2020

Detection limit: 3-Iodo-2-propynylbutylcarbamate (IPBC): 60 mg/kg, All others: 2 mg/kg

Test Component	Unit	Requirement	Uncertainty of Measurement ±	Sample A Result	Sample B Result
2-(Thiocyanomethylthio)-benzothiazole (TCMTB)	mg/kg	For Information Only	8.5%	ND	ND
4-Chloro-3-methylphenol (PCMC)	mg/kg	For Information Only	6.0%	2100	1200
2-Phenylphenol (OPP)	mg/kg	For Information Only	10.6%	940	440
2-Octyl-2H-isothiazol-3-one (OIT)	mg/kg	For Information Only	5.8%	ND	ND
Conclusion (Pass / Fail)				-	-

MCCP (C14-C17)
BS EN ISO 18219-2:2021
Detection limit: 50 mg/kg

Test Component	Unit	Requirement	Uncertainty of Measurement ±	Sample A Result	Sample B Result
Medium Chain Chlorinated Paraffins (C14-C17)	mg/kg	<10000	13.7%	ND	ND
Conclusion (Pass / Fail)				Pass	Pass

NPEO/NP/OPEO/OP in leather
BS EN ISO 18218-2:2019
Detection limit: 10 mg/kg

Test Component	Unit	Requirement	Uncertainty of Measurement ±	Sample A Result	Sample B Result
4-Nonylphenol, branched (NP)	mg/kg	<1000	-	ND	ND
4-Tert-octylphenol (OP)	mg/kg	<1000	-	ND	ND
Nonylphenol ethoxylates (NPEO)	mg/kg	<1000	-	ND	ND
Octylphenol ethoxylates (OPEO)	mg/kg	<1000	-	ND	ND
Conclusion (Pass / Fail)				Pass	Pass

SCCP (C10-C13)
BS EN ISO 18219-1:2021
Detection limit: 50 mg/kg

Test Component	Unit	Requirement	Uncertainty of Measurement ±	Sample A Result	Sample B Result
Short Chain Chlorinated Paraffins (C10-C13)	mg/kg	<10000	14.9%	ND	ND
Conclusion (Pass / Fail)				Pass	Pass

Uncertainty of Measurement and Decision Rules

A non-binary simple acceptance decision rule based on guard bands has been used as the decision rule. The guard band is equal to the expanded standard deviation stated in the test result table. When the difference between the test result and the requirement is less than or equal to the expanded uncertainty of measurement, then a risk of false acceptance or false rejection is possible. The risk of false acceptance or false rejection is 2.5% based on a conformance probability of 97.5%.

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. Test without † are not UKAS accredited.
Sampling Location	Unless specified in the test report, sample was taken from the official sampling location according to †BS EN ISO 2418:2017. If the sample was supplied as a swatch from the customer, sampling according to †BS EN ISO 2418:2017 is not possible.
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
ND	None Detected (detection limits are included with the test results)
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).
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
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 Conformity and Uncertainty of Measurement in Testing (blcleathertech.com)