

GEISA FABRICS, SI
BL,C/RAMON LLULL, S/N, P.I. CAN TRIAS 08232- VILADECAVALLS (BARCELONA), Spain

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Circular knitting, Single Jersey

Buyer : GEISA FABRICS, SI

Brand : ARALAR

Colour : Military Green

Fibre Content : 94% Pes 6% Ea

End Use : Workwear & Sport

Ref. No. : 71025.01

Item No. : 71025.01

Fabric Width : 160 cm

Construction : Single Jersey

Fabric Weight : 160 g/sqm

Season : WINTER

Category : Adult

Manufacturer : Geisa Fabrics

Country Of Origin : SPAIN

Country Of Destination : ALL the WORLD

Re-test : No

Applicant's Proposed Care : 60°C wash, not tumbler
Instruction

Sample Receiving Date : Nov 04, 2024

Test Performing Period : Nov 04, 2024 - Nov 20, 2024

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Conclusion	A	Remark
Deodorization Of Textiles - Measurement Using Gas Detector Tube	PASS	

Remark(s) : PASS=Meet Client's/General Requirement

Signed for and on behalf of
SGS (Hong Kong) Limited



Chan Kai Kong, Alfred, Technical Manager

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Result

Deodorization of Textiles (Ammonia)- Measurement Using Gas Detector Tube (ISO 17299-2:2014)

Preconditioning: 20 °C and 65% R.H. for 24 hours

Test conditions: Air temperature: 20 °C; Relative humidity: 65% R.H.

Size of test specimen: 100 cm²

Initial concentration of odor gas: Ammonia, 100 µl/l

Test specimen: As received

Test result:

	As received	<u>ISO 17299-1:2014</u> <u>Specified Requirement</u>
Reduction rate (%) of Ammonia after 2 hrs	81	Min. 70% reduction

Note:

Reduction rate (%) = $100\% \times (\text{Concentration of testing gas in blank after 2 hrs} - \text{Concentration of testing gas in specimen after 2 hrs}) / \text{Concentration of testing gas in blank after 2 hrs}$.

Remark:

1. Detection limit: 10 µl/l
2. Higher the reduction rate, better the deodorization properties of the fabric.

Deodorization of Textile (Acetic Acid)- Measurement Using Gas Detector Tube (ISO 17299-2:2014)

Preconditioning: 20 °C and 65% R.H. for 24 hours

Test conditions: Air temperature: 20 °C; Relative humidity: 65% R.H.

Size of test specimen: 100 cm²

Initial concentration of odor gas: Acetic acid, 30 µl/l

Test specimen: As received

Test result:

	As received	<u>ISO 17299-1:2014</u> <u>Specified Requirement</u>
Reduction rate (%) of Acetic Acid after 2 hrs	83	Min. 70% reduction

Note:

Reduction rate (%) = $100\% \times (\text{Concentration of testing gas in blank after 2 hrs} - \text{Concentration of testing gas in specimen after 2 hrs}) / \text{Concentration of testing gas in blank after 2 hrs}$

Remark:

1. Detection limit: 4.5 µl/l
2. Higher the reduction rate, better the deodorization properties of the fabric.

Sample Photo



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End of Report

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