

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 : ONE SAMPLE OF 100% PES 10590 NATURE FRESH CUTTING IN RED FLUO FOR SPORT & WORKWEAR.

Brand : NATURE FRESH  
Colour : RED FLUO  
Fibre Content : 100% PES  
End Use : SPORT & WORKWEAR  
Fabric Width : 180 CM  
Construction : PIQUE  
Fabric Weight : 180G/M<sup>2</sup>  
Country Of Origin : SPAIN

Sample Receiving Date : Feb 17, 2021

Testing Period : Feb 18, 2021 - Mar 02, 2021

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

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



Liu Wang, Andy, 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 cm<sup>2</sup>

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

Test specimen: As received

Test result:

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

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# 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 cm<sup>2</sup>

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>
<b>Reduction rate (%) of Acetic Acid after 2 hrs</b>	80	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.

\*\*\*End of Report\*\*\*

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