

## INFORME DE ENSAYO / TEST REPORT

**2020TM4420**

### FECHA DE RECEPCIÓN / DATE OF RECEPTION

07/09/2020

### SOLICITANTE / APPLICANT

COTOBLOU, S.A.  
L'AGULLA, 7  
ES-46870 ONTINYENT  
Valencia

### FECHA DE ENSAYOS / DATE TESTS

Inicio / Starting: 07/09/2020

Finalización / Ending: 11/09/2020

Att. Candid Penalba Peiró

### IDENTIFICACIÓN Y DESCRIPCIÓN DE LAS MUESTRAS / IDENTIFICATION AND DESCRIPTION OF SAMPLES

#### REFERENCIAS / REFERENCES

MASCARILLA CLOSCA-COTOPUR-CO2pure

### ENSAYOS REALIZADOS / TESTS CARRIED OUT

- DETERMINACIÓN IN VITRO DE LA EFICACIA DE LA FILTRACIÓN BACTERIANA (BFE)\* / IN VITRO DETERMINATION OF BACTERIAL FILTRATION EFFICIENCY (BFE)\*.
- DETERMINACIÓN DE LA RESPIRABILIDAD (PRESIÓN DIFERENCIAL)\* / DETERMINATION OF BREATHABILITY (DIFFERENTIAL PRESSURE)\*.
- PRETRATAMIENTO / PRE-TREATMENT.



## DESCRIPCIÓN DE MUESTRAS / DESCRIPTION OF SAMPLES

### FOTOGRAFÍA PHOTOGRAPHY



#### Referencia <sup>(1)</sup>

Reference <sup>(1)</sup>

MASCARILLA CLOSCA-COTOPUR-CO2pure

#### Nº lote <sup>(1)</sup>

LOT number <sup>(1)</sup>

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#### Observaciones<sup>1)</sup>

Notes <sup>(1)</sup>

Se realizan los ensayos muestreando ambos colores siendo la parte central interna igual en ambas mascarillas.

<sup>(1)</sup> Dato proporcionado por el cliente

<sup>(1)</sup> Data provided for the customer



## RESUMEN / SUMMARY

De los resultados realizados sobre la siguiente referencia:  
*Of the tests carried out on the following reference:*

**MASCARILLA CLOSCA-COTOPUR-CO2pure**  
**ORIGINAL. No se ha realizado ningún pretratamiento.**  
**ORIGINAL. No pretreatment has been performed.**

Ensayos basados en la norma EN 14683:2019+AC: 2019.  
*Tests according to the standard EN 14683:2019+AC: 2019.*

Habiéndose obtenido los siguientes resultados:  
*Having obtained the following results:*

ENSAYOS TESTS		RESULTADOS RESULTS (Promedio $\pm$ DS) (Average $\pm$ SD)
Pto 5.2.2	Eficacia de la filtración bacteriana* (BFE) (%) <i>Bacterial Filtration Efficiency* (BFE) (%)</i>	<b>91,71 <math>\pm</math> 2,20</b>
Pto 5.2.3	Respirabilidad: Presión diferencial* (Pa/cm <sup>2</sup> ) <i>Breathability: Differential pressure* (Pa/cm<sup>2</sup>)</i>	<b>32,6 <math>\pm</math> 1</b>

### Observaciones

#### Notes

- El resto de ensayos de la norma no indicados en este informe, no han sido evaluados.  
*- The rest of the standard tests not indicated in this report, have not been evaluated.*
- DS: Desviación estándar.
- SD: Standard Deviation.

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## RESUMEN / SUMMARY

De los resultados realizados sobre la siguiente referencia:  
*Of the tests carried out on the following reference:*

### MASCARILLA CLOSCA-COTOPUR-CO2pure 25 ciclos de lavado. 25 wash cycles.

Ensayos basados en la norma EN 14683:2019+AC: 2019.  
*Tests according to the standard EN 14683:2019+AC: 2019.*

Habiéndose obtenido los siguientes resultados:  
*Having obtained the following results:*

ENSAYOS TESTS		RESULTADOS RESULTS (Promedio $\pm$ DS) (Average $\pm$ SD)
Pto 5.2.2	Eficacia de la filtración bacteriana* (BFE) (%) <i>Bacterial Filtration Efficiency* (BFE) (%)</i>	70,29 $\pm$ 13,22
Pto 5.2.3	Respirabilidad: Presión diferencial* (Pa/cm <sup>2</sup> ) <i>Breathability: Differential pressure* (Pa/cm<sup>2</sup>)</i>	28,6 $\pm$ 2

#### Observaciones

##### Notes

- El resto de ensayos de la norma no indicados en este informe, no han sido evaluados.  
*- The rest of the standard tests not indicated in this report, have not been evaluated.*
- DS: Desviación estándar.
- SD: Standard Deviation.

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# CERTIFICATE

## La empresa

**Comersan, S.A.**  
P.Ind. Els Algars, C/ Banyeres de Mariola, s/n  
03820 Concentaina (Alicante), SPAIN

está autorizada, según el STANDARD 100 by OEKO-TEX® y nuestro informe de ensayo nº. **20200K0251**, a usar la marca STANDARD 100 by OEKO-TEX®



## para los siguientes artículos:

**Tejidos de acrílica, algodón, lino, poliéster y sus mezclas, tintados en hilo o en pieza, estampados y con acabado suavizado. Para tapicería, decoración y para artículos confeccionados.**

Los resultados de la inspección realizada según el STANDARD 100 by OEKO-TEX®, Apéndice 4, **clase de productos II**, muestran que los artículos mencionados anteriormente cumplen los requisitos ecológico-humanos del STANDARD 100 by OEKO-TEX® actualmente establecidos en el Apéndice 4 para artículos en contacto directo con la piel.

Los artículos certificados cumplen con requisitos del anexo XVII del REACH (incluyendo el uso de colorantes azo, níquel, etc...), así como con los requisitos americanos en cuanto al contenido total de plomo en artículos de niños (CPSIA; con excepción de accesorios hechos de cristal) y del estándar chino GB 18401:2010 (requisito de etiquetado no verificado).

El titular de este certificado se compromete con el instituto, mediante una declaración de conformidad según la norma ISO17050-1, a colocar la etiqueta STANDARD 100 by OEKO-TEX® únicamente en los artículos que se correspondan con las muestras ensayadas. La conformidad se comprueba mediante auditorías.

**El certificado 981699 es válido hasta el 31.12.2020**

Alcoy (Alicante) España, 21.04.2020

**Silvia Devesa Valencia**  
Subdirectora Innovación

**Isabel Soriano Sarrió**  
Jefa Área Innovación



# CERTIFICATE

## The company

**Comersan, S.A.**  
**P.Ind. Els Algars, C/ Banyeres de Mariola, s/n**  
**03820 Concentaina (Alicante), SPAIN**

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report **20200K0251**



## for the following articles:

**Fabrics made of acrylic, cotton, linen, polyester and their blends, dyed-yarn or dyed-piece, printed and with softener finish. Fabrics for upholstery, decorative and made up articles.**

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Appendix 4, **product class II** have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Appendix 4 for products with direct contact to skin.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

**The certificate 981699 is valid until 31.12.2020**

Alcoy (Alicante) España, 21.04.2020

  
**Silvia Devesa Valencia**  
Innovation Assistant Manager



  
**Isabel Soriano Sarrió**  
Chief of Innovation Area



# CERTIFICATE

## The Company

**PrimLab Global S.L.**  
C/Santa Anna nº5  
03801 Alcoy, SPAIN

is granted authorisation according to ECO PASSPORT by OEKO-TEX® to use the OEKO-TEX® mark



## for the following chemical products

**Product(s):** CO2 pure  
**Category:** Agents for fibre and yarn production

## Supporting documents

- Declaration of conformity in accordance with EN ISO 17050-1 included in ECO PASSPORT by OEKO-TEX® Terms of Use.
- Analytical test report number: 2019OK1527
- RSL Screening Report
- Detailed information about the components and safety data sheets of the chemical products mentioned above.

**The above captioned product(s) can be used for the production of human-ecological optimized textiles & leathers. The combined results of the reports mentioned above reveal that there is no harmful effect on the human and environmental health of the textiles & leathers treated/finished with the above mentioned products. This evaluation used the test methods and requirements of the ECO PASSPORT by OEKO-TEX® that were in force at the time of the evaluation date. ZDHC MRL Conformance Level 1 is achieved for certified product(s) without restriction(s).**

**The certificate E1SM2A0W6 is valid until 31.12.2020**

Alcoy (Alicante) España, 02.12.2019

**Silvia Devesa Valencia**  
Innovation Assistant Manager  
AITEX



**Isabel Soriano Sarrió**  
Chief of Innovation Area  
AITEX



# ECO PASSPORT SCREENING REPORT

## The Global RSL and MRSL Search and Screen Tool

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**ECO PASSPORT Screening is used to screen chemical products – at the ingredient level – against the world's leading restricted substance lists and manufacturing restricted substance lists:**

- STANDARD 100 by OEKO-TEX® Restricted Substance List (RSL)
- ECO PASSPORT by OEKO-TEX® Restricted Substance List (RSL)
- STeP by OEKO-TEX® Manufacturer Restricted Substance List (MRSL)
- LEATHER STANDARD by OEKO-TEX® Restricted Substance List (RSL)
- REACH Substances of Very High Concern (SVHC)

The product components, main constituents and impurities declared by the applicant are not mentioned on the MRSL of ZDHC.

## Company

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**PrimLab Global S.L.**  
C/Santa Anna nº5  
03801 Alcoy, SPAIN

Category: Agents for fibre and yarn production

Certificate No: E1SM2A0W6

Issued by: AITEX Instituto Tecnológico Textil

## ECO PASSPORT SCREENING SYNOPSIS

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**The following product(s) are suitable for ECO PASSPORT analytical verification:**

C02 pure

**The following product(s) are not suitable according to the RSL screening:**

None

**Information disclosure level: PARTIAL**

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The screening has been conducted against the above mentioned Restricted Substances Lists valid on 02.12.2019





**Certificate Number**

**Eurofins-YL-004527-R-0005-92020**

**Applicant**

**CLOSCA DESIGN S.L**

Avinguda Port 49, 1<sup>a</sup>

46021 - Valencia

Spain

**Product Information**

**Brand: Closca**

Model: Closca Mask

Size: Adult

Type: Reusable

Maximum number of washing cycles: 10

Washing conditions: 60°C, air drying

The sample(s) has been tested at Eurofins Laboratories and found to be in conformity with:

***“Tested Quality mark by Eurofins for Community Masks” Rev.1***

Signed on behalf of Eurofins Textile Testing Spain S.L.U by:



Digitally signed by  
44755610W ENRIQUE RIVAS  
(R: B66978099)  
Date: 2020.09.24 12:56:32  
+02'00'

Enrique Rivas / General Manager

This certificate is valid from 23<sup>th</sup> September 2020 to 23<sup>th</sup> September 2021

End of document



## Community Mask – Tested Quality

### Tested Quality mark by Eurofins for Community Masks

**Hygienic masks**, also called **Community masks**, are the ones used by the general public. These are intended to eventually protect others from the wearer, thereby contributing to mitigate the spread of the virus.

In the middle of the coronavirus crisis, many governments have made the use of masks recommendable, or even mandatory in public places, where safety distances can't be guaranteed.

In parallel, local and regional authorities are trying to funnel efforts into eventual standardization of a minimum quality benchmark, such as the EU CEN guideline document CWA 17533 or the local initiatives in Spain, France and Mexico (UNE 0065, UNE 0064- 1, UNE 0064-2, AFNOR-SPEC-S76, breathability, particle filtration, etc.).

In an effort to provide our clients with an evident proof of compliance for hygienic masks, our experts have developed the Tested Quality seal for Community masks, that shall be granted to those masks meeting the thoroughly designed testing protocols.



### Confidence gained by providing transparency

The tested quality mark for Community masks consists of 3 parts:

- A seal, that can be placed on the product (optional)  
The seal, that bears the concerned test report number and the URL where the end user can check for the tested protocols.
- The label or tag, presented along and underneath the seal, to be displayed on the packaging, and including the shortlist of basic testing protocols to which the product has been tested.
- The concerned test report, presented in two formats:
  - Extended test report, for the client's Quality department.
  - Basic report, to be displayed on the web-based depository database, for the end user, to check, thereby providing full transparency to the consumers.

## Tested Quality mark protocols

- Safe materials
  - Formaldehyde free - ISO 14184-1 (Textile) / ISO 17226-1 and ISO 17226-2 (Leather)
  - Colorfastness – In-house method
  - Ph - ISO 3071 (Textile) / ISO 4045 (Leather)
- Design
  - Children safety (cords and drawstrings, and sharp points and edges) EN 14682
  - Minimum cover of the face Internal Method
  - Fit and Comfort to wearer Internal Method
- Performance and protection
  - Bacterial Filtration Efficiency > 80% after washing – EN 14683/ ISO 6330 N 60°C
  - Resistance to respiration < 70 Pa/cm<sup>2</sup> - EN 14683
  - Quality guaranteed for “X” washings
- Artwork check (Labels and packaging)
  - Regulatory check
  - Composition, warnings, etc.
  - Avoid eventual misunderstandings with CE mark, PPE or MD, composition, washability, warnings, etc)
- Washability claims substantiation

## Quality Assurance and Control throughout the Supply Chain

Whichever your role in the supply chain, you need to safeguard the reputation of your brand and/ or that of your client.

From suppliers' assessment and R&D support to regulatory guidance and supply chain mapping, all the way through compliance and bespoke testing, QC inspections, failure analysis and market surveillance, we cover every stage of your product's quality journey.

