



valid until: January 16, 2031

Fraunhofer

TESTED[®] DEVICE

Strubl GmbH & Co. KG
PURELL2420F

Report No. ST 2511-1682

Single product
Outgassing Behavior
VOC/SVOC

Qualification Certificate

This is to certify that the product mentioned above, provided by

Strubl GmbH & Co. KG
Wendelstein, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number ST 2511-1682.

The outgassing behavior of the Cleanroompackaging PURELL2420F (color: transparent) at the stated temperatures was investigated according to ISO 14644-15. Based on the outgassing rates determined for the specific surfaces, the following material classification was made for the corresponding Contaminant Category:

Contaminant Category (x)	SER ¹⁾ [g/m ² s]	ISO-ACC _m Class (x)
VOC	< 2.8 x 10 ⁻¹⁰	< -9.6
SVOC ²⁾	< 2.8 x 10 ⁻¹⁰	< -9.6
Sum of VOC and SVOC	7.5 x 10 ⁻¹⁰	--
Refractories ³⁾	3.7 x 10 ⁻¹⁰	--
Siloxanes ⁴⁾	3.7 x 10 ⁻¹⁰	--

¹⁾The emission rate is calculated using the detected mass based on the response of the standard, the analyzed unit and the sampling duration. ²⁾According ISO 16000-25, SVOC is the sum of airborne and condensing SVOC. Condensing SVOC were collected by heating the emission chamber to 90 °C after removal of the sample. ³⁾Refractories are compounds containing elements other than C, H and O (for example S, P, N, Si,...). ⁴⁾Siloxanes and other Si-containing organic substances. Siloxanes also count as refractories.

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Report No. current document

Stuttgart, January 16, 2026
Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

DUPLICATED

This document only applies to the named product in its original state and is valid for a period of 5 years from the current date the document was issued. The document can be verified under www.tested-device.com.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.