



valid until: November 6, 2029

Fraunhofer

TESTED[®] DEVICE

TROX GmbH
MFPCR series H14 Filter
Report No. TR 2408-1540

Single product Outgassing Behavior VOC/SVOC

Qualification Certificate

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

TROX GmbH
Neukirchen-Vluyn, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number TR 2408-1540.

The outgassing behavior of MFPCR series H14 Filter at the stated temperatures was investigated according to ISO 14644-15. Based on the outgassing rates determined for the specific equipment, the following material classification was made for the corresponding Contaminant Category:

Contaminant Category (x)	SER _u ¹⁾ 23°C [g/unit·s]	ISO ACC _e Class (x) based on 23° C
VOC	< 6.6 x 10 ⁻¹⁰	< -9.2
SVOC	9.0 x 10 ⁻¹¹	-10.0
Amines	< 8.6 x 10 ⁻¹²	--
Organophosphates	< 8.6 x 10 ⁻¹²	--
Siloxanes	< 8.6 x 10 ⁻¹²	--
Phthalates	< 8.6 x 10 ⁻¹²	--

¹⁾SER_u: Unit-specific emission rate

TR 1910-1144
Report No. first document

Stuttgart, November 6, 2019
Place, date of first document issued

TR 2408-1540
Report No. current document

Stuttgart, November 6, 2024
Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

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.