IPA

Cleanroom (atmospheric)

valid until: February 13, 2031

Fraunhofer

TESTED® DEVICE

API Metrology
API Radian PRO
Report No. AP 2601-1710

Single product
Outgassing Behavior
VOC/SVOC

Qualification Certificate

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

Automated Precision Europe GmbH
Heidelberg, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number AP 2601-1710.

The outgassing behavior of the API Radian PRO (color: red/black) at the stated temperature was investigated according to ISO 14644-15. Based on the outgassing rates determined for the specific equipment, the following classification was made for the corresponding Contaminant Category:

Contaminant Category (x)	SER_u 23°C [1] [g/(unit·s)]	ISO-ACC_e Class (x)
VOC	6.9×10^{-9}	**-8.2**
SVOC [2]	4.4×10^{-11}	**-10.4**
Sum of VOC and SVOC	7.0×10^{-9}	**-8.2**
Refractories [3]	8.7×10^{-11}	**-10.1**
Siloxanes [4]	6.5×10^{-11}	**-10.2**

[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] SVOC are airborne SVOC. [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. first document

Stuttgart, February 13, 2026
Place, date of first document issued

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Report No. current document

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Place, current date

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

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first 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.

Fraunhofer IPA