# Fraunhofer

# T E S T E D®
# D E V I C E

Knauf Ceiling Solutions
Bioguard RH100
**Report No. KN 2405-1523**

## Single product
## Particle Emission

DUPLICATE

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.

## Qualification Certificate

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

**Knauf Ceiling Solutions GmbH & Co. KG**
**Grafenau, Germany**

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number KN 2405-1523.

The ceiling system Bioguard RH100 (color: white) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions, it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

| Test parameter(s) | Air Cleanliness Class |
|---|---|
| Structure-borne noise = approx. 50 Hz | 1 |
| Overall result | |

It must be pointed out, that according to ISO 14644-1 clean-rooms classes 1 to 5 have a high filter occupancy, with the result that large-surface ceiling systems cannot be used in some cases. Cleanrooms with a horizontal displacement flow form an exception to this. The test result may be affected by the surrounding ceiling system.
Please note: Transport damages, incorrect installation, aging behavior, corrosion etc. can influence the test result.
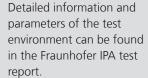
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Stuttgart, October 2, 2024
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on behalf of
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

## Fraunhofer
**IPA**