



Fraunhofer

TESTED[®] DEVICE

KUKA Deutschland GmbH
LBR iisy 11 R1300 CR
Report No. KU 2303-1404

Single product Outgassing Behavior Ammonia

Qualification Certificate

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

KUKA Deutschland GmbH
Augsburg, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number KU 2303-1404.

The outgassing behavior of LBR iisy 11 R1300 CR in operation
(color: white and orange) at the stated temperature was investi-
gated according to VDI 2083 Part 17 und ISO 14644-15. Based
on the outgassing rates determined for the specific units, 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
Ammonia (NH ₃)	< 7.0 x 10 ⁻⁹	< -8.2

¹⁾SER_u: Unit-specific emission rate

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.

KU 2303-1404
Report No. first document

Stuttgart, May 22, 2024
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, Project Manager Fraunhofer IPA