

### Fraunhofer

## TESTED<sup>®</sup> DEVICE

KUKA Deutschland GmbH LBR iisy 11 R1300 CR

Report No. KU 2303-1404

# Single product Outgassing Behavior VOC/SVOC

### **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 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)	<b>SER<sub>u</sub>¹) 23 °C</b> [g/unit·s]	ISO ACC <sub>e</sub> Class (x) based on 23° C
VOC	1.5 x 10 <sup>-7</sup>	-6.8
SVOC	< 8.3 x 10 <sup>-11</sup>	< -10.1
Amines	< 8.3 x 10 <sup>-11</sup>	
Organophosphates	< 8.3 x 10 <sup>-11</sup>	
Siloxanes	1.3 x 10 <sup>-9</sup>	
Phthalates	< 8.3 x 10 <sup>-11</sup>	

<sup>1)</sup>SER\_: Unit-specific emission rate

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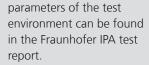
Stuttgart, May 22, 2024

Place, date of first document issued

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Place, current date

on behalf of Project Manager Fraunhofer IPA



Detailed information and

www.tested-device.com.

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

