

### Fraunhofer

# TESTED<sup>®</sup> DEVICE

Universal Robots A/S

Report No. UN 2301-1381

## Single product Particle Emission

#### **Qualification Certificate**

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

#### **Universal Robots A/S**

Odense S. Denmark

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number UN 2301-1381.

The robot UR30 (color: gray/blue) 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 Classes according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
40% of maximum velocity Payload: 20kg	4
80% of maximum velocity Payload: 20kg	4
Overall result	4

Please note: Transport damages, incorrect installation, oil leakage, aging behavior, corrosion etc. can influence the test result.

UN 2301-1381

Report No. first document

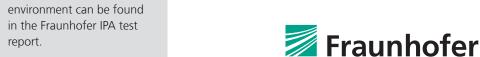
Stuttgart, May 22, 2024

Place, date of first document issued

Report No. current document

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 date the first document was issued. The document can be verified under

www.tested-device.com.

Detailed information and

parameters of the test

