



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

DENSO WAVE Inc.  
Robot VS050S2-AV6-R1  
**Report No. DE 1511-792**

### Riboflavin Test (Equipment)

### Qualification Certificate

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

**DENSO WAVE Inc.**  
Aichi, Japan

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number DE 1511-792.

The examination of cleanability of the robot VS050S2-AV6-R1 was investigated according to VDMA »Riboflavin test for low-germ or sterile process technologies – Fluorescence test for examination of cleanability« information test sheet. The following test result could be provided:

- The assessed cleanability of the robot system is regarded as sufficient for a subsequent safe application of validated room or isolator decontamination methods.
- The riboflavin test showed that only a few areas are not fully cleanable. All other surfaces can be cleaned effectively using a validated wiping procedure.
- Provided a user risk assessment determines the cleaning efficacy of the above-mentioned critical areas to be acceptable, the preceding cleaning process fulfills the requirement stated in ISO 13408-6 for a subsequent biodecontamination step.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Stuttgart, January 10, 2016

on behalf of   
Frank Bürger, Project manager Fraunhofer IPA

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.  
Further information:  
[www.tested-device.com](http://www.tested-device.com)