



Fraunhofer

TESTED[®] DEVICE

Kawasaki Robotic GmbH
SUS304

Report No. KA 1801-994

Hydrogen Peroxide Absorption/Desorption

Qualification Certificate

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

Kawasaki Robotics GmbH
Neuss, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number KA 1801-994.

The Hydrogen Peroxide Absorption/Desorption of SUS304 (color:
silver) was investigated with the stated test parameters. Using the
procedure laid down in VDI 2083 Part 20, the following test result
was obtained:

Ø k-value [min]	Standard deviation [min]	Classification
0.0	0.1	non-absorptive

The k-value represents the required decay time to reduce the hy-
drogen peroxide vapor concentration measured at the beginning
of the aeration phase to one tenth of the original concentration.
The material classification is based on three separate measure-
ments. The blank value of the test setup is subtracted from each
measurement value.

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.

KA 1801-994
Report No. first document

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Report No. current document

Stuttgart, April 6, 2018
Place, date of first document issued

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA