



valid until: March 3, 2031

Fraunhofer

TESTED[®] DEVICE

PFENNIG Reinigungstechnik GmbH
Ringo GMP Ultra

Report No. PF 2509-1667

Single product Riboflavin Test (Equipment)

Qualification Certificate

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

PFENNIG Reinigungstechnik GmbH
Durach, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number PF 2509-1667.

The examination of cleanability of the flat press Ringo GMP Ultra (color: silver/blue) was investigated according to VDMA information test sheet »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:

Classification
good
The test piece can be cleaned well using a simple wipinprocedure with ultra-pure water. The fluorescence test identified some critical areas. It is extremely difficult to clean these areas effectively. Due to the ability to disassemble and the possibility of disinfection by heat sterilization, cleanability can be assumed to be good

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.

The norms stated generally refer to the version valid at the time of the tests.

DUPLICATE

PF 2509-1667
Report No. first document

Stuttgart, March 3, 2026
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, head of business unit Testing and Certification