



Fraunhofer

TESTED[®] DEVICE

HAMILTON Bonaduz AG
Microlab STAR
Report No. HA 1201-587

Qualification Certificate

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

HAMILTON Bonaduz AG
Bonaduz, Switzerland

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number HA 1201-587.

Media fill simulation*:

The Microlab STAR in principle fulfills the criteria for a successful media fill simulation for aseptic processing.

Microbiological product contamination*:

The Microlab STAR in principle fulfills the criteria for safe aseptic processing.


Air flow visualization*:

During operation the primary laminar airflow direction was maintained the whole time. The influence of the robot arm of the Microlab STAR was acceptable. No influence from personnel could be observed.

*according to EU GMP guideline Annex 1

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

Stuttgart, September 28, 2012

i.A. 
Project manager

DUPLICATE

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