

DIPL.-BIOL. DR. RER. NAT. FLORIAN H. H. BRILL

C/O DR. BRILL + PARTNER GMBH
INSTITUT FÜR HYGIENE UND MIKROBIOLOGIE
STIEGSTÜCK 34, DE-22339 HAMBURG
TELEFON 0049-40/557631-0
TELEFAX 0049-40/557631-11
EMAIL INFO@BRILLHYGIENE.COM
INTERNET WWW.BRILLHYGIENE.COM

DR. F. H. H. BRILL - C/O DR. BRILL + PARTNER GMBH - STIEGSTÜCK 34 - DE-22339 HAMBURG

Hygiene Medical Industry Co. Ltd.
PO Box 369
BG - 5000 Veliko Turnovo

Hamburg, 23 February 2017

Expert opinion

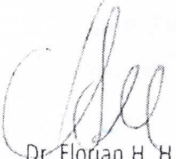
Yeasticidal Activity of **HMI Tabidez 56** in the
quantitative suspension test according to DIN EN 13624:2013 (Phase 2, Step 1)

The disinfectant **HMI Tabidez 56** was tested and evaluated according to DIN EN 13624:2013 „Chemical Disinfectants and Antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area - Test Method and Requirements (Phase 2, Step 1)“.

According to the test report no. L16/0808.6 dated 23/02/2017 of Dr. Brill + Partner GmbH the preparation showed yeast-
cidal activity under clean conditions.

HMI Tabidez 56 complies with the requirements of DIN EN 13624:2013 (phase 2, step 1) with the following concentration-time relationship:

Yeasticidal:	clean conditions	1 tablet/10 L	15 minutes
	clean conditions	1 tablet/20 L	15 minutes


Dr. Florian H. H. Brill

DR. JOCHEN STEINMANN

C/O DR. BRILL + PARTNER GMBH
INSTITUT FÜR HYGIENE UND MIKROBIOLOGIE
NORDEROO 2, DE 28259 BREMEN
TELEFON 0049-40/55763164
TELEFAX 0049-40/55763161
EMAIL INFO@BRILLHYGIENE.COM
INTERNET WWW.BRILLHYGIENE.COM

DR. J. STEINMANN - C/O DR. BRILL + PARTNER GMBH - NORDEROO 2 - DE-28259 BREMEN

Hygiene Medical Industry Co. Ltd.
PO Box 369
BG - 5000 Veliko Turnovo

Bremen, 27/01/2017

Expert opinion

Activity of HMI®Tabidez 56 against MNV in a quantitative suspension test according to the EN 14476:2013+A1:2015 under clean conditions

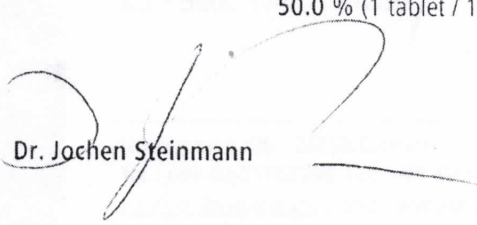
This expert opinion is based on the test report L16/0811M.1 dating 27/01/2017.

The virus-inactivating properties of the surface disinfectant HMI®Tabidez 56 of Hygiene Medical Industry Co. Ltd. against murine norovirus (MNV) were investigated by a quantitative suspension test according to EN 14476 under clean conditions.

According to EN 14476, a disinfectant or a disinfectant solution at a particular concentration is considered as having virus-inactivating properties if within the recommended exposure period the titre is reduced by $\geq 4 \log_{10}$ (inactivation $\geq 99.99\%$).

HMI®Tabidez 56 was examined undiluted (1 tablet / 5 litres) and as 50.0 % solution (1 tablet / 10 litres) at 20 °C. 5 and 15 minutes were chosen as exposure times. In summary, a virucidal activity against MNV was measured as follows:

undiluted (1 tablet / 5 litres)	5 minutes	clean conditions
50.0 % (1 tablet / 10 litres)	15 minutes	clean conditions


Dr. Jochen Steinmann

HMI®Tabidez 56 - EN 14476:2013+A1:2015

DIPL.-BIOL. DR. RER. NAT. FLORIAN H. H. BRILL

DR. BRILL + DR. STEIGMANN

C/O DR. BRILL + PARTNER GMBH
INSTITUT FÜR HYGIENE UND MIKROBIOLOGIE
STIEGSTÜCK 34, DE-22339 HAMBURG
TELEFON 0049-40/557631-0
TELEFAX 0049-40/557631-11
EMAIL info@brillhygiene.com
INTERNET www.brillhygiene.com

DR. F. H. H. BRILL - C/O DR. BRILL + PARTNER GMBH - STIEGSTÜCK 34 - DE-22339 HAMBURG

Hygiene Medical Industry Co. Ltd.
PO Box 369
BG - 5000 Veliko Turnovo

Hamburg, 23 February 2017

Expert opinion

Bactericidal Activity of **HMI Tabidez 56** in the
quantitative suspension test according to DIN EN 13727:2015 (Phase 2, Step 1)

The disinfectant **HMI Tabidez 56** was tested and evaluated according to DIN EN 13727:2015 "Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity in the medical area - Test method and requirements (phase 2, step 1)".

According to the test report no. L16/0808.1 dated 23/02/2017 of Dr. Brill + Partner GmbH the preparation showed bactericidal activity under clean conditions.

HMI Tabidez 56 complies with the requirements of DIN EN 13727:2015 (phase 2, step 1) with the following concentration-time relationship:

Bactericidal:	clean conditions	2 tablets/10 L	5 minutes
	clean conditions	1 tablet/20 L	15 minutes



Dr. Florian H. H. Brill