wfk

The Testing Institute

# Investigation of disinfection agents and antiseptics at the wfk-Institut für Angewandte Forschung GmbH

The wfk-Institute possess – also due to its collaboration at the development of the European testing standards – a great expertise and longstanding experience in investigating disinfectants and antiseptics.
We work very close with different experts together to enable the uptake of products and procedures into the lists of e.g. Verbund für Angewandte Hygiene (VAH), Robert-Koch-Institut (RKI) or Deutsche Veterinärmedizinische Gesellschaft (DVG). Following you find an excerpt of the standards, which will be used at the wfk-Institut für Angewandte Forschung GmbH for testing disinfectants and antiseptics.
The here presented standards can be used to confirm claims to a specific product. The standard test procedures should be applied as evidence for statements of the activity of specific products. The presented overview should facilitate the selection of appropriate standards for producers and users of products.

## Preinvestigation

| Type and/or purpose of product | Phase | Claims of the activity to confirm with | | | |
|---|---|---|---|---|---|
| | | bactericidal | fungicidal | levurocidal | sporocidal |
| All applications and products | 1 | EN 1040 | EN 1275 | EN 1275 | EN 14347 |

## Medical field

| Type and/or purpose of product | Phase / Step | Claims of the activity to confirm with | | | | | |
|---|---|---|---|---|---|---|---|
| | | bacteri-cidal | fungi-cidal | levuro-cidal | mycobac-tericidal | tubercu-locidal | virucidal |
| Hygienic handwash | 2/1 | | | | | | EN 14476 |
| | 2/2 | EN 1499 | | | | | |
| Hygienic hand disinfection | 2/1 | | | | | | EN 14476 |
| | 2/2 | EN 1500 | | | | | |
| Surgical hand disinfection (hand disinfection and handwash) | 2/1 | | | | | | |
| | 2/2 | EN 12791 | | | | | |
| Surface disinfection, low and high contamination | 2/1 | | | | EN 14348 | EN 14348 | EN 14476 |
| | 2/2 | | | | | | |
| Instrument disinfection, low and high contamination | 2/1 | EN 13727 | EN 13624 | EN 13624 | EN 14348 | EN 14348 | EN 14476 |
| | 2/2 | EN 14561 | EN 14562 | EN 14562 | EN 14563 | EN 14563 | |
| Linen disinfection | 2/1 | | | | | | |
| | 2/2 | draft N 534 | | | | | |

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## Veterinary field

| Type and/or purpose of product | Phase / Step | Claims of the activity to confirm with | | | | |
|---|---|---|---|---|---|---|
| | | bactericidal | fungicidal | levurocidal | mycobac-tericidal | virucidal |
| Surface disinfection, low contamination | 2/1 | EN 1656 | EN 1657 | EN 1657 | EN 14204 | EN 14675 |
| | 2/2 | EN 14349 (non-porous surfaces) | | | | |
| Surface disinfection, high contamination | 2/1 | EN 1656 | EN 1657 | EN 1657 | EN 14204 | EN 14675 |
| | 2/2 | EN 14349 (non-porous surfaces) | | | | |
| Plunge of contaminated items, high contamination | 2/1 | EN 1656 | EN 1657 | EN 1657 | EN 14204 | EN 14675 |
| | 2/2 | EN 14349 (non-porous surfaces) | | | | |
| Hygienic handwash | 2/1 | | | | | |
| | 2/2 | EN 1499 | | | | |

## Food, Industry, household and public facilities fields

| Type and/or purpose of product | Phase / Step | Claims of the activity to confirm with | | | | |
|---|---|---|---|---|---|---|
| | | bactericidal | fungicidal | levurocidal | virucidal | sporicidal |
| Surface disinfection, low and high contamination | 2/1 | EN 1276 | EN 1650 | EN 1650 | | EN 13704 |
| | 2/2 | EN 13697 | EN 13697 | EN 13697 | | |
| Products for „Cleaning in place“ (CIP-cleaning) | 2/1 | EN 1276 | EN 1650 | EN 1650 | EN 13610 (phages) | |
| Hygienic handwash | 2/1 | EN 1276 | | | | |
| | 2/2 | EN 1499 | | | | |
| Hygienic hand disinfection | 2/1 | EN 1276 | | | | |
| | 2/2 | EN 1500 | | | | |
| Wipes | 2/1 | EN 1276 | | | | |
| | 2/2 | | | | | |
| Products for application in breweries | 2/1 | EN 1276 | EN 1650 | EN 1650 | | EN 13704 |
| | 2/2 | EN 13697 | EN 13697 | EN 13697 | | |
| Beverage industry and non alcoholic drinks | 2/1 | EN 1276 | EN 1650 | EN 1650 | | EN 13704 |
| | 2/2 | EN 13697 | EN 13697 | EN 13697 | | |
| Products for application in dairy | 2/1 | EN 1276 | EN 1650 | EN 1650 | EN 13610 (phages) | EN 13704 |
| | 2/2 | EN 13697 | EN 13697 | EN 13697 | | |
| Application at the production of cosmetics | 2/1 | EN 1276 | EN 1650 | EN 1650 | | EN 13704 |
| | 2/2 | EN 13697 | EN 13697 | EN 13697 | | |

## DGHM standard methods (2001)

| Method | Phase / Step | Description |
|---|---|---|
| 9.1 | 1, 2/1 | Quantitative suspension assay for bactericidal/fungicidal activity |
| 9.2 | 1, 2/1 | Quantitative suspension assay for mycobactericidal/tuberculocidal activity |
| 10 | 2/2 | Hygienic handwash |
| 11 | 2/2 | Hygienic hand disinfection |
| 12 | 2/2 | Surgical hand disinfection |
| 13 | 2/2 | Skin disinfection |
| 14 | 2/2 | Surface disinfection |
| 15 | 2/2 | Chemical disinfection of instruments |
| 16 | 2/2 | Chemical linen disinfection |
| 17 | 2/2 | Chemothermal linen disinfection |
| 18 | - | Qualitative germ carrier assay – surface disinfection |
| 19 | - | Qualitative germ carrier assay – instrument disinfection |

## DVG standard methods

Nearly all standard methods from the DVG can be performed in the wfk-Institute. For further details please contact us.

We consult you immediately and work out an offer for you likely. Please contact us!

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