



Die Nationale Akkreditierungsstelle / *The National Accreditation Body*

## AKKREDITIERUNG AUSTRIA

bestätigt die Akkreditierung der Rechtsperson / *confirms the accreditation of*

### HygCen Austria GmbH

Werksgelände 28, A-5500 Bischofshofen

Identifikationsnummer / *ID-number*: **0196**

als / *as*

**Prüfstelle / *Testing Laboratory***

gemäß / *according to*

**EN ISO/IEC 17025:2005**

Datum der Erstakkreditierung / *Initial date of accreditation*: **27.12.2001**

Standort/Organisationseinheit / *site/unit*:

**HygCen Austria GmbH, Werksgelände 28, A-5500 Bischofshofen**

Informationen zum Akkreditierungsumfang und zu Akkreditierung Austria / *Information about the accreditation scope and Akkreditierung Austria* <http://www.bmdw.gv.at/akkreditierung>

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*The accreditation was granted by a decree which confirms, that the Conformity Assessment Body fulfills the given requirements. This confirmation of accreditation may not be reproduced other than in full.*

19.06.2018  
Datum / *Date*

Dipl.-Ing. Dr. Norman Brunner  
Leiter Akkreditierung Austria / *Head, Akkreditierung Austria*



Die Nationale Akkreditierungsstelle / *The National Accreditation Body*:

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Identifikationsnummer / *ID-number*: **0196**

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gemäß / *according to* **EN ISO/IEC 17025:2017**


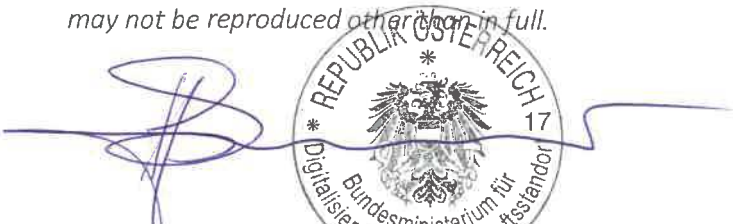
Datum der Erstakkreditierung / *Initial date of accreditation*: **27.12.2001**

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**Dipl.-Ing. Dr. Norman Brunner**  
Wien, am 16. Dezember 2020

## Testing Laboratory

legal entity **HygCen Austria GmbH**  
Werksgelände 28, 5500 Bischofshofen  
web [www.hygcen.at](http://www.hygcen.at)

ident No **0196**  
site **HygCen Austria GmbH**  
Werksgelände 28, 5500 Bischofshofen

initial date of accreditation **2001-12-27**  
level 3 accreditation standard **EN ISO/IEC 17025:2017**  
according to EA-1/06

Accreditation Austria (AA) is a signatory of the Multilateral Agreement (MLA) of the European co-operation for Accreditation (EA) and of the Mutual Recognition Agreement (MRA) of the International Laboratory Accreditation Cooperation (ILAC) for the accreditation of this accreditation program.

According to § 7 AkkG 2012, the harmonized Level 3 accreditation standard on which the accreditation is based and as well as the applicable instruction documents/guides or obligatory declared normative documents from EA - European co-operation for Accreditation, the ILAC - International Laboratory Accreditation Cooperation and the Accreditation Austria in the valid version must be observed and complied with.

Accreditation is additionally granted in accordance with the following

other requirements EA-3/01:2019  
ILAC-P9:2014  
ILAC-P10:2020

**Scope of Accreditation of Testing Laboratory (EN ISO/IEC 17025:2017)**  
**HygCen Austria GmbH / (ID No 0196)**

valid from: 2020-12-04

| document number<br>(issue)        | <sup>1)</sup> | title of the standard or SOP   | <sup>2)</sup> | carried out tests / <sup>3)</sup><br>types of tests /<br>techniques / methods / | materials / products   | components / parameters /<br>characteristics | remarks   |
|-----------------------------------|---------------|--|---------------|---|--|--|---|
| 16-009<br>(2014-05)               | S             | Testing of the cleaning efficacy of washer disinfectors for thermostable & thermolabile medical devices in accordance with the guideline of ÖGSV respectively DGKH, DGSV and AKI                                   |               | Photometry  | thermolabile medical devices   | Protein residues after cleaning              | The cleaning performance is checked with the aid of test specimens which are soiled; the evaluation according to the modified OPA-method                            |
| 16-010<br>(2014-11)               | S             | Testing of the cleaning efficacy of washer disinfectors for thermolabile endoscopes in accordance with the guideline of ÖGSV   |               | Photometry  | thermolabile endoscopes  | Residual proteins after cleaning             | The cleaning performance is checked with the help of endoscopic Dummies; the evaluation is done optically   |
| 17-008<br>(2012-09)               | S             | Quantitative determination of free NH <sub>2</sub> groups of blood-proteins by the modified OPA method   |               | Photometry  | aqueous liquids  | NH <sub>2</sub> -Gruppen (Proteins)          | The determination of the residual proteins of soiling by the modified OPA-method is carried out photometrically and serves to demonstrate the cleaning performance. |
| ASTM F 1670/F 1670Ma<br>(2017-01) | N             | Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood   |               | Penetration procedure with synthetic blood                                      | Fabrics of Protective Clothing                                       | Resistance to penetration                    |   |
| ASTM F 1671/F 1671M<br>(2013-01)  | N             | Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System                                     |               | Phi-X174-Bacteriophage-Intrusion procedure                                      | Fabrics for Protective Clothing                                      | Pathogenic germs                             |   |
| DIN 38409-9<br>(1980-07)          | N             | German standard methods for the examination of water, waste water and sludge; general measures of effects and substances (group H), determination of the settleable matter by volume in water and waste water (H9) |               | Volumetric process  | Drinking water, ground and surface water, process water, waste water | removable substances                         |   |

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|--|---------------|--|---------------|---|---|--|---------|
| DVG test guidelines, V.<br>animal husbandry<br>(2017-11) | N             | Methods of testing chemical<br>disinfectants for animal husbandry  |               | Quantitative carrier test on<br>poplar wood                                     | chemical disinfectants<br>for keeping animals | virucidal activity                           |         |
| EN 1040<br>(2005-12)                                     | N             | Chemical disinfectants and antiseptics –<br>Quantitative suspension test for the<br>evaluation of basic bactericidal activity of<br>chemical disinfectants and antiseptics –<br>Test method and requirements (phase 1)   |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics     | bactericidal activity                        |         |
| EN 1275<br>(2005-12)                                     | N             | Chemical disinfectants and antiseptics –<br>Quantitative suspension test for the<br>evaluation of basic fungicidal or basic<br>yeastcidal activity of chemical<br>disinfectants and antiseptics – Test<br>method and requirements (phase 1)  |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics     | fungicidal or yeastcidal activity            |         |
| EN 1276<br>(2019-08)                                     | N             | Chemical disinfectants and antiseptics –<br>Quantitative suspension test for the<br>evaluation of bactericidal activity of<br>chemical disinfectants and antiseptics used<br>in food, industrial, domestic, and<br>institutional areas – Test method and<br>requirements (phase 2, step 1) |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics     | bactericidal activity                        |         |
| EN 12791<br>(2016-12)                                    | N             | Chemical disinfectants and antiseptics –<br>Surgical hand disinfection – Test method<br>and requirements<br>(phase 2, step 2)  |               | quantitative<br>suspension test   | Surgical hand disinfection                    | Mode of action                               |         |

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|----------------------------|---------------|---|---------------|---|---|---|---------|
| EN 13098<br>(2019-09)      | N             | Workplace exposure - Measurement of airborne microorganisms and microbial compounds   |               | pour plate method, colony counting method                                       | Workplace exposure  | airborne microorganisms and microbial compounds |         |
| EN 13274-7<br>(2019-06)    | N             | Respiratory protective devices – Methods of test - Part 7: Determination of particle filter penetration   |               | aerosol penetration without   | medical devices   | barrier effect against particles                |         |
| EN 13623<br>(2010-09)      | N             | Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of bactericidal activity against Legionella of chemical disinfectants for aqueous systems – Test method and requirements (phase 2, step 1)   |               | quantitative suspension test  | chemical disinfectants for aqueous systems  | bactericidal activity against Legionella        |         |
| EN 13697<br>(2015-04)      | N             | Chemical disinfectants and antiseptics – Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas – Test method and requirements without mechanical action (phase 2, step 2) |               | quantitative non-porous surface test  | chemical disinfectants used in food, industrial, domestic and institutional areas | bactericidal and/or fungicidal activity         |         |
| EN 13704<br>(2018-07)      | N             | Chemical disinfectants – Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas – Test method and requirements (phase 2, step 1)   |               | quantitative suspension test  | chemical disinfectants used in food, industrial, domestic and institutional areas | sporicidal activity                             |         |

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| EN 13727<br>(2012-05)      | N             | Chemical disinfectants and antiseptics –<br>Quantitative suspension test for the<br>evaluation of bactericidal activity in the<br>medical area – Test method and<br>requirements (phase 2, step 1)   |               | quantitative<br>suspension test   | chemical disinfectants and<br>antiseptics in the medical area                                 | bactericidal activity   |         |
| EN 14126<br>(2003-09)      | N             | Protective clothing - Performance<br>requirements and test methods for<br>protective clothing against infective<br>agents  |               | differential pressure method,<br>penetration method                             | Protective Clothing<br>against infective agents   | Penetration resistance, pathogenic<br>germs, microbial penetration dry<br>and wet |         |
| EN 14204<br>(2012-11)      | N             | Chemical disinfectants and antiseptics –<br>Quantitative suspension test for the<br>evaluation of mycobactericidal activity of<br>chemical disinfectants and antiseptics<br>used in the veterinary area – Test<br>method and requirements (phase 2,<br>step 1)         |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics used in<br>the veterinary area                      | mycobactericidal activity   |         |
| EN 14347<br>(2005-03)      | N             | Chemical disinfectants and<br>antiseptics – Basic sporicidal<br>activity – Test method and<br>requirements (phase 1)   |               | basic test  | chemical disinfectants<br>and antiseptics   | sporicidal activity   |         |
| EN 14348<br>(2005-01)      | N             | Chemical disinfectants and antiseptics –<br>Quantitative suspension test for the<br>evaluation of mycobactericidal activity of<br>chemical disinfectants in the medical area<br>including instrument disinfectants – Test<br>method and requirements (phase 2, step 1) |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics in the<br>medical area,<br>instrument disinfectants | mycobactericidal activity   |         |

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| EN 14349<br>(2012-11)      | N             | Chemical disinfectants and antiseptics –<br>Quantitative surface test for the evaluation<br>of bactericidal activity of chemical<br>disinfectants and antiseptics used in the<br>veterinary area on non-porous surfaces<br>without mechanical action – Test method<br>and requirements (phase 2, step 2) |               | quantitative<br>surface test  | chemical disinfectants and<br>antiseptics used in the<br>veterinary area         | bactericidal activity on non-porous<br>surfaces without mechanical action |         |
| EN 14476<br>(2013-08)      | N             | Chemical disinfectants and antiseptics -<br>Quantitative suspension test for the<br>evaluation of virucidal activity in the<br>medical area - Test method and<br>requirements (phase 2, step 1)  |               | quantitative suspension test  | chemical disinfectants and<br>antiseptics in the medical<br>area                 | virucidal activity  |         |
| EN 14561<br>(2006-05)      | N             | Chemical disinfectants and antiseptics –<br>Quantitative carrier test for the<br>evaluation of bactericidal activity for<br>instruments used in the medical area –<br>Test method and requirements (phase<br>2, step 2)  |               | quantitative<br>carrier test  | chemical disinfectants and<br>antiseptics for instruments<br>in the medical area | bactericidal activity   |         |
| EN 14562<br>(2006-05)      | N             | Chemical disinfectants and antiseptics –<br>Quantitative carrier test for the<br>evaluation of fungicidal or yeasticidal<br>activity for instruments used in the<br>medical area – Test method and<br>requirements (phase 2, step 2)   |               | quantitative<br>carrier test  | chemical disinfectants and<br>antiseptics for instruments<br>in the medical area | fungicidal or yeasticidal activity  |         |



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| EN 14563<br>(2008-11)      | N             | Chemical disinfectants and antiseptics – Quantitative carrier test for the evaluation of mycobactericidal or tuberculocidal activity of chemical disinfectants used for instruments in the medical area – Test method and requirements (phase 2, step 2) |               | quantitative carrier test   | chemical disinfectants and antiseptics for instruments in the medical area | mycobactericidal activity                    |  |
| EN 14675                   | N             | Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements (phase 2, step 1)                    |               | quantitative suspension test  | chemical disinfectants and antiseptics used in the veterinary area         | virucidal activity                           |  |
| EN 14683<br>(2019-08)      | N             | Medical face masks - Requirements and test methods   |               | test method   | medical face masks   | Permeability                                 | - Appendix B: Procedure for the vitro determination of bacterial filter performance (BFP)<br>- Appendix C: Procedure for determining breathability (pressure difference) |
| EN 1499<br>(2013-04)       | N             | Chemical disinfectants and antiseptics – Hygienic handwash – Test method and requirements (phase 2 / step 2)   |               | hygienic handwash   | chemical disinfectants and antiseptics                                     | Determination of effectiveness               |  |
| EN 1500<br>(2013-04)       | N             | Chemical disinfectants and antiseptics - Hygienic handrub – Test method and requirements (phase 2 / step 2)  |               | Hygienic handrub  | chemical disinfectants and antiseptics                                     | Determination of effectiveness               |  |

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| EN 16437<br>(2014-02)      | N             | Chemical disinfectants and antiseptics -<br>Quantitative surface test for the<br>evaluation of bactericidal activity of<br>chemical disinfectants and antiseptics used<br>in veterinary area on porous surfaces<br>without mechanical action - Test method<br>and requirements (phase 2, step 2)          |               | quantitative test method on<br>porous surfaces without<br>mechanical action     | chemical disinfectants and<br>antiseptics used in the<br>veterinary area                                      | bactericidal activity                        |         |
| EN 1650<br>(2019-08)       | N             | Chemical disinfectants and antiseptics -<br>Quantitative suspension test for the<br>evaluation of fungicidal or yeasticidal<br>activity of chemical disinfectants and<br>antiseptics used in food, industrial,<br>domestic and institutional areas – Test<br>method and requirements (phase 2,<br>step 1) |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics used in<br>food, industrial,<br>domestic and<br>institutional areas | fungicidal or yeasticidal activity           |         |
| EN 1656<br>(2019-09)       | N             | Chemical disinfectants and antiseptics -<br>Quantitative suspension test for the<br>evaluation of bactericidal activity of<br>chemical disinfectants and antiseptics<br>used in the veterinary area - Test method<br>and requirements<br>(phase 2, step 1)  |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics used in<br>the veterinary area                                      | bactericidal activity                        |         |
| EN 1657<br>(2016-04)       | N             | Chemical disinfectants and antiseptics -<br>Quantitative suspension test for the<br>evaluation of fungicidal or yeasticidal<br>activity of chemical disinfectants and<br>antiseptics used in the veterinary area -<br>Test method and requirements (phase 2,<br>step 1)                                   |               | quantitative<br>suspension test   | chemical disinfectants<br>and antiseptics used in<br>the veterinary area                                      | fungicidal or yeasticidal activity           |         |

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| EN 16615<br>(2015-04)      | N             | Chemical disinfectants and antiseptics -<br>Quantitative test method for the<br>evaluation of bactericidal and yeasticidal<br>activity on non-porous surfaces with<br>mechanical action employing wipes in the<br>medical area (4-field test) - Test method<br>and requirements<br>(phase 2, step 2) |               | Quantitative test method (4-<br>field test)                                     | chemical disinfectants<br>and antiseptics in the<br>medical area | bactericidal and yeasticidal<br>activity on non-porous surfaces<br>with mechanical action<br>employing wipes |         |
| EN 16616<br>(2015-08)      | N             | Chemical disinfectants and antiseptics -<br>Chemical-thermal textile disinfection -<br>Test method and requirements (phase 2,<br>step 2)   |               | Chemical-thermal<br>textile disinfection  | chemical disinfectants<br>and antiseptics                        | Efficacy of disinfectants,<br>antiseptics  |         |
| EN 16777<br>(2018-12)      | N             | Chemical disinfectants and<br>antiseptics – Quantitative non-<br>porous surface test without<br>mechanical action for the<br>evaluation of virucidal activity of<br>chemical disinfectants used in the<br>medical area – Test method and<br>requirements (phase 2, step 2)                           |               | Quantitative test method on<br>non-porous surfaces without<br>mechanical action | chemical disinfectants<br>and antiseptics in the<br>medical area | virucidal activity   |         |
| EN 17111<br>(2018-06)      | N             | Chemical disinfectants and<br>antiseptics – Quantitative carrier<br>test for the evaluation of virucidal<br>activity for instruments used in the<br>medical area – Test method and<br>requirements (phase 2, step 2)   |               | Quantitative carrier test   | chemical disinfectants<br>and antiseptics in the<br>medical area | virucidal activity   |         |

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| EN 17122<br>(2019-11)      | N             | Chemical disinfectants and antiseptics –<br>Quantitative non-porous surface test for<br>the evaluation of virucidal activity of<br>chemical disinfectants and antiseptics<br>used in the veterinary area - Test method<br>and requirements - phase 2, step 2 |               | Quantitative test method on<br>non-porous surfaces without<br>mechanical action | chemical disinfectants<br>and antiseptics used in<br>the veterinary area      | virucidal activity                                   |         |
| EN 17126<br>(2018-12)      | N             | Chemical disinfectants and antiseptics -<br>Quantitative suspension test for the<br>evaluation of sporicidal activity of<br>chemical disinfectants in the medical<br>area - Test method and requirements<br>(phase 2, step 1)                                |               | Quantitative suspension test  | chemical disinfectants<br>and antiseptics in the<br>medical area              | sporicidal activity                                  |         |
| EN 27888<br>(1993-09)      | N             | Water quality; determination of electrical<br>conductivity (ISO 7888:1985)   |               | Conductometry   | Drinking water, ground<br>and surface water,<br>process water, waste<br>water | electric conductivity                                |         |
| EN 29073-3<br>(1992-06)    | N             | Textiles; test method for nonwovens; part 3:<br>determination of tensile strength and<br>elongation  |               | Tensile tests   | Textiles, nonwovens   | Maximum tensile force, maximum<br>tensile elongation |         |
| EN 455-1<br>(2000-10)      | N             | Medical gloves for single use - Part 1:<br>Requirements and testing for freedom<br>from holes  |               | Leak test   | Medical gloves for<br>single use  | Tightness  |         |
| EN 455-2<br>(2015-04)      | N             | Medical gloves for single use - Part 2:<br>Requirements and testing for physical<br>properties   |               | Physical methods  | Medical gloves for<br>single use  | Physical Properties                                  |         |
| EN ISO 10523<br>(2012-02)  | N             | Water quality - Determination of pH (ISO<br>10523:2008)  |               | Electrochemical processes   | Drinking water, ground<br>and surface water,<br>process water, waste<br>water | pH value   |         |

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| EN ISO 10993-10<br>(2014-10) | N             | Biological evaluation of medical devices<br>- Part 10: Test for irritation and skin<br>sensitization (ISO 10993-10:2010)   |               | Examination of skin<br>irritation with the<br>LDHe method                       | medical devices  | Determination of the LDH<br>distribution   | Including the<br>following standard<br>procedures:<br>DIN EN ISO 10993-12:<br>Biological evaluation of medical<br>devices - Teil 12: Sample<br>preparation and reference<br>materials (ISO 10993-12:2012) |
| EN ISO 10993-5<br>(2009-10)  | N             | Biological evaluation of medical devices -<br>Part 5: Tests for in vitro cytotoxicity<br>(ISO 10993-5:2009)  |               | Testing of in vitro<br>cytotoxicity using the<br>neutral red method             | medical devices  | Determination of cell viability  | Including the<br>following standard<br>procedures:<br>DIN EN ISO 10993-12:<br>Biological evaluation of medical<br>devices - Teil 12: Sample<br>preparation and reference<br>materials (ISO 10993-12:2012) |
| EN ISO 11731<br>(2017-06)    | N             | Water quality – Counting of Legionella<br>(ISO 11731:2017)   |               | Membrane filtration   | Drinking water, ground and<br>surface water, process water,<br>waste water | Legionella<br>- Samples with a high<br>concentration of Legionella-<br>species and low accompanying<br>flora<br>- Samples with a low<br>concentration of Legionella-<br>species and low accompanying<br>flora<br>- Samples with a high<br>concentration of Legionella-<br>species and high accompanying<br>flora | including ISO 7704: Water<br>quality - Evaluation of<br>membrane filters used for<br>microbiological analyses<br><br>Sample preparation:<br>- heat treatment<br>- acid wash                               |
| EN ISO 11737-1<br>(2018-01)  | N             | Sterilization of health care products -<br>Microbiological methods - Part 1:<br>Determination of a population of<br>microorganisms on products<br>(ISO 11737-1:2018) |               | Pour plate method,<br>colony counting<br>method                                 | Health care products   | Microorganisms, colony forming<br>units (cfu)  |   |

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| EN ISO 11737-2<br>(2019-04) | N             | Sterilization of medical devices –<br>Microbiological methods - Part 2: Tests of<br>sterility performed in the definition,<br>validation and maintenance of the<br>sterilization process (ISO/DIS 11737-2:2019) |               | Pour plate method,<br>colony counting<br>method                                 | medical devices  | Sterility test  |         |
| EN ISO 13934-1<br>(2013-04) | N             | Textiles - Tensile properties of fabrics -<br>Part 1: Determination of maximum force<br>and elongation at maximum force using<br>the strip method (ISO 13934-1:2013)  |               | Strip-Tensile test  | textile fabrics  | Maximum traction, Maximum<br>tensile strength expansion |         |
| EN ISO 13934-2<br>(2014-02) | N             | Textiles - Tensile properties of fabrics -<br>Part 2: Determination of maximum force<br>using the grab method (ISO 13934-<br>2:2014)  |               | Grab-Tensile test   | textile fabrics  | Maximum traction  |         |
| EN ISO 13937-2<br>(2000-04) | N             | Textiles - Tear properties of fabrics - Part<br>2: Determination of tear force of trouser-<br>shaped test specimens (single tear<br>method) (ISO 13937-2:2000)  |               | Thigh tear attempt  | textile fabrics  | Tear strength   |         |
| EN ISO 13938-1<br>(2019-12) | N             | Textiles - Bursting properties of fabrics -<br>Part 1: Hydraulic method for<br>determination of bursting strength and<br>bursting distension (ISO 13938-1:2019)   |               | Hydraulic process   | textile fabrics  | Bursting pressure and bursting arch                     |         |
| EN ISO 14644-1<br>(2015-12) | N             | Cleanrooms and associated controlled<br>environments - Part 1: Classification of air<br>cleanliness by particle concentration (ISO<br>14644-1:2015)   |               | Sampling method according to<br>Chapter A5                                      | Cleanrooms   | Sampling - Particle                                     |         |
| EN ISO 16266<br>(2008-02)   | N             | Water quality – Detection and<br>enumeration of Pseudomonas aeruginosa<br>by membrane filtration (ISO 16266:2006)   |               | Membrane filtration   | Drinking water, ground and<br>surface water, process water,<br>waste water | Pseudomonas aeruginosa                                  |         |

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| EN ISO 18593<br>(2018-07)  | N             | Microbiology of the food chain - Horizontal methods for surface sampling (ISO 18593:2018)   |               | - Contact printing<br>- Swab method   | Surface  | Sampling   |  |
| EN ISO 19458<br>(2006-08)  | N             | Water quality – Sampling for microbiological analysis (ISO 19458:2006)  |               | - Scooping samples<br>- Tap withdrawals<br>- Direct withdrawals                     | Drinking water, ground and surface water, process water              | Sampling   | including ISO 7704: Water quality - Evaluation of membrane filters used for microbiological analyses |
| EN ISO 20743<br>(2013-07)  | N             | Textiles - Determination of the antibacterial activity of textile products (ISO 20743:2013)   |               | microbiological process   | Textiles   | antibacterial activity                                   |  |
| EN ISO 22610<br>(2006-07)  | N             | Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment - Test method to determine the resistance to wet bacterial penetration (ISO 22610:2006) |               | Germination procedure   | Surgical drapes, gowns and clean air suits                           | resistance to wet bacterial penetration                  |  |
| EN ISO 22612<br>(2005-03)  | N             | Clothing for protection against infectious agents - Test method for resistance to dry microbial penetration (ISO 22612:2005)  |               | Penetration process when dry  | Textiles to protect against infectious agent                         | resistance to microbial penetration                      |  |
| EN ISO 6222<br>(1999-05)   | N             | Water quality - Enumeration of culturable micro-organisms - Colony count by inoculation in a nutrient agar culture medium (ISO 6222:1999)   |               | pour plate method, colony counting method   | Drinking water, ground and surface water, process water, waste water | Colony forming units (cfu at 22°C and 36°C)              |  |
| EN ISO 6330<br>(2012-04)   | N             | Textiles - Domestic washing and drying procedures for textile testing (ISO 6330:2012)   |               | Non-commercial washing and drying processes - restricted to processes A, B, C, D, F | Textiles   | Test with textiles restricted to processes A, B, C, D, F |  |

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| EN ISO 7899-2<br>(2000-04)  | N             | Water quality – Detection and enumeration of intestinal enterococci - Part 2: Membrane filtration method (ISO 7899-2:2000)  |               | Membrane filtration   | Drinking water, ground and surface water, process water, waste water | intestinal enterococci                                  | including ISO 7704: Water quality - Evaluation of membrane filters used for microbiological analyses |
| EN ISO 811<br>(2018-05)     | N             | Textiles - Determination of resistance to water penetration - Hydrostatic pressure test (ISO 811:2018)  |               | Hydrostatic pressure test   | Textiles   | resistance to water penetration                         |  |
| EN ISO 9073-10<br>(2004-12) | N             | Textiles - Test methods for nonwovens - Part 10: Lint and other particles generation in the dry state (ISO 9073-10:2003)  |               | test method   | Textiles, nonwovens  | Fiber fragments, other particles                        |  |
| EN ISO 9073-4<br>(1997-07)  | N             | Textiles — Test methods for nonwovens — Part 4: Determination of tear resistance (ISO 9073-4:1997)  |               | Tensile strength test   | Textiles   | Strength  |  |
| EN ISO 9073-6<br>(2003-03)  | N             | Textiles - Test methods for nonwovens - Part 6: Absorption (ISO 9073-6:2000)  |               | Physical process  | Textiles, nonwovens  | Absorption  |  |
| EN ISO 9308-1<br>(2014-01)  | N             | Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 1: Membrane filtration method for waters with low bacterial background flora (ISO 9308-1:2014/Amd 1:2016)                            |               | Membrane filtration   | Drinking water, ground and surface water, process water, waste water | Escherichia coli, coliform bacteria                     | including ISO 7704: Water quality - Evaluation of membrane filters used for microbiological analyses |
| ISO 16000-1<br>(2004-07)    | N             | Indoor air - Part 1: General aspects of sampling strategy   |               | Sampling method   | Indoor air   | Sampling  |  |
| ISO 16603<br>(2004-04)      | N             | Clothing for protection against contact with blood and body fluids - Determination of the resistance of protective clothing materials to penetration by blood and body fluids - Test method using synthetic blood |               | test method with synthetic blood  | Protective Clothing  | Resistance against penetration by blood and body fluids |  |



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| ISO 16604<br>(2004-04)      | N             | Clothing for protection against contact with blood and body fluids - Determination of resistance of protective clothing materials to penetration by blood-borne pathogens - Test method using Phi-X 174 bacteriophage |               | test method with bacteria Phi-X174  | Protective Clothing                           | Resistance against penetration by blood             |  |
| ISO 18184<br>(2019-06)      | N             | Textiles - Determination of antiviral activity of textile products  |               | quantitative test method on porous surfaces                                     | antiviral textiles                            | antiviral activity                                  |  |
| ISO 21702<br>(2019-05)      | N             | Measurement of antiviral activity on plastics and other non-porous surfaces   |               | quantitative test method on porous surfaces                                     | antiviral plastics and pore-free surfaces     | antiviral activity                                  |  |
| ISO 22196<br>(2011-08)      | N             | Measurement of antibacterial activity on plastics and other non-porous surfaces   |               | quantitative test method on non-porous surfaces                                 | antibacterial plastics and pore-free surfaces | antibacterial activity                              |  |
| ISO 22609<br>(2004-12)      | N             | Clothing for protection against infectious agents - Medical face masks - Test method for resistance against penetration by synthetic blood (fixed volume, horizontally projected)                                     |               | test method with synthetic blood  | medical face masks                            | Resistance against penetration by infectious agents |  |
| ISO 5667-5<br>(2006-04)     | N             | Water quality — Sampling - Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems   |               | - Scooping samples<br>- Tap withdrawals<br>- Direct withdrawals                 | Drinking water                                | Sampling  | In conjunction with EN ISO 5667-3: Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO 5667-3:2018) |
| ISO/TS 15883-5<br>(2005-11) | N             | Washer-disinfectors - Part 5: Test soils and methods for demonstrating cleaning efficacy  |               | Test protection procedures  | Washer-disinfectors                           | cleaning efficacy                                   |  |

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|--|---------------|---|---------------|---|---|--|---------|
| JIS L 1902<br>(2008-10)  | N             | Testing for antibacterial activity and efficacy on textile products   |               | test method according to Chapter 3  | Antibacterial textiles  | antibacterial activity and efficacy          |         |
| JIS Z 2801/Amendment1<br>(2015-07)   | N             | Antimicrobial products-Test for antimicrobial activity and efficacy   |               | test method according to Chapter 5  | Antimicrobial products  | antimicrobial activity and efficacy          |         |
| Guideline of the German Association for Combating Virus Diseases (DVV) r. a. and the Robert Koch-Institute (RKI) (2014-12) | N             | Suspensions test according to the guideline of the German Association for Combating Virus Diseases (DVV) r. a. and the Robert Koch- Institute (RKI) for testing chemical disinfectants for virucidal activity in human medicine                 |               | quantitative suspension test  | chemical disinfectants and antiseptics in the medical area                        | virucidal activity                           |         |
| Guideline of the German Association for Combating Virus Diseases (DVV) r. a. (2012-01)                                     | N             | Suspensions test according to the guideline of the German Association for Combating Virus Diseases (DVV) r. a.: Quantitative testing of the virucidal activity of chemical disinfectants on non-porous surfaces (application in human medicine) |               | quantitative test method on non-porous surfaces                                 | chemical disinfectants and antiseptics in the human medicine                      | virucidal activity                           |         |
| OENORM M 6616<br>(1994-03)   | N             | Water analysis - Determination of temperature   |               | Temperature measurement   | Drinking water, ground and surface water, process water, waste water, waste water | Temperature                                  |         |
| Ph.Eur. 2.6.12<br>(2012-01)  | N             | Microbiological Examination of non-sterile products: microbial enumeration  |               | Sedimentation process   | Indoor air  | Sampling                                     |         |
| prEN 13624<br>(2019-08)  | N             | 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)   |               | quantitative suspension test  | chemical disinfectants and antiseptics in the medical area                        | fungicidal or yeasticidal activity           |         |

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|---|---------------|--|---------------|---|--|---|---------|
| prEN 17272<br>(2018-08)                     | N             | Chemical Disinfectants and Antiseptics - Quantitative Carrier test for Airborne Room Disinfection by Automated Processes - Determination of Bactericidal, Fungicidal, Yeasticidal, Sporicidal, Tuberculocidal, Mycobactericidal, Virucidal and Phagocidal Activities in the Medical Area, Veterinary Area and Food, Industrial, Domestic and Institutional Areas - Test Methods and Requirements (phase 2, Step 2) |               | Quantitative Germ carrier test  | chemical disinfectants and antiseptics in the medical area, Veterinary Area and Food, Industrial, Domestic and Institutional Areas | Determination of Bactericidal, Fungicidal, Yeasticidal, Sporicidal, Tuberculocidal, Mycobactericidal, Virucidal and Phagocidal Activities |         |
| RKI-Standard, HygMed 20: 20-28<br>(1995-01) | N             | Testing of the virucidal activity of surface disinfectants   |               | Quantitative testing on frosted glass test pieces                               | Surface disinfectant   | virucidal activity  |         |
| VAH method 14<br>(2019-03)                  | N             | Requirements and methods to the VAH-certified chemical disinfection methods: surface disinfection without mechanics – practical test (method 14)   |               | Surface disinfection (practical test)   | Chemical disinfection methods  | Effectiveness check   |         |
| VAH method 15<br>(2019-03)                  | N             | Requirements and methods to the VAH-certified chemical disinfection methods: chemical/ chemo- thermal disinfection of instruments - practical quantitative germ carrier test (method 15)   |               | practical quantitative Germ carrier test  | chemical disinfection methods: chemical/ chemo-thermal disinfection of instruments   | Effectiveness check   |         |
| VAH method 17<br>(2019-03)                  | N             | Requirements and methods to the VAH-certified chemical disinfection methods: chemo- thermal laundry disinfection – single bath method (practical test) (method 17)   |               | One bath procedure (practical Test)   | chemo- thermal laundry disinfection  | Effectiveness check   |         |

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| VAH method 7<br>(2019-03)  | N             | Requirements and methods to the VAH-certified chemical disinfection methods: determination of the bacteriostatic and levurostatic effectiveness as well as suitable neutralizer (method 7)   |               | test method   | Chemical disinfection methods                              | determination of the bacteriostatic and levurostatic effectiveness   |         |
| VAH method 8<br>(2019-03)  | N             | Requirements and methods to the VAH-certified chemical disinfection methods: determination of the bactericidal and yeasticidal effectiveness in a qualitative suspension test (method 8)   |               | qualitative suspension test   | Chemical disinfection methods                              | determination of the bactericidal and yeasticidal effectiveness  |         |
| VAH method 9<br>(2019-03)  | N             | Requirements and methods to the VAH-certified chemical disinfection methods: determination of the bactericidal, yeasticidal, fungicidal, tuberculocidal or mycobactericidal effectiveness in a quantitative suspension test (method 9) |               | quantitative suspension test  | Chemical disinfection methods                              | determination of the bactericidal, yeasticidal, fungicidal, tuberculocidal or mycobactericidal effectiveness |         |
| VAH method 13<br>(2019-03) | N             | Requirements and methods to the VAH-certified chemical disinfection methods: Skin antiseptics - practical test with volunteers (method 13)   |               | skin disinfection   | chemical disinfectants and antiseptics in the medical area | bactericidal effectiveness   |         |
| VAH method 18<br>(2019-03) | N             | Requirements and methods to the VAH-certified chemical disinfection methods: determination of the sporicidal effectiveness in a quantitative suspension test (method 18)   |               | quantitative suspension test  | chemical disinfectants and antiseptics in the medical area | sporicidal activity  |         |

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| VAH method 19<br>(2019-03) | N             | Requirements and methods to the VAH-certified chemical disinfection methods: surface disinfection against Clostridium difficile spores – surface disinfection with mechanical action - practical 4-field test |               | Quantitative test method (4-field test)   | chemical disinfectants and antiseptics in the medical area | sporicidal activity                          |         |

*1) Types of tests: standard (N) or SOP (S); Any amendments of standards apply as with accredited, provided that there is no new conformity assessment procedures are defined.  
Austrian laws and regulations as well as EU regulations are accredited in the applicable version, unless otherwise indicated.*

*2) Conformity assessment procedures can - if selected - also be carried out on site.*

*3) Techniques / methods / equipment are mentioned if applicable and only if there is an influence on the measurement result.*