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List of Test Procedures within the flexible scope of accreditation PL-13412-01-01 as a supplement to the accreditation certificate

Status of the list: February 2026

On the following pages, you will find all current procedures relating to the entire scope of accreditation of the Dr. Brill + Partner GmbH testing laboratory (PL-13412-01-01), including all procedures in the flexible testing area.

Location Grützmühlenweg 44, 22339 Hamburg

1. Field: Health care (hospital hygiene and infection prevention)

1.1 Field of testing: Hygiene and infection prevention

1.1 Type of testing: Microbiological hygiene testing ^c

Standard/date of issue In-house method/version	Analyte - Title of standard Information on sample preparation/test technique	Test object
ASTM E2149-25 (2025)	Standard Test Method for Determining the Antimicrobial Activity of Immobilized Antimicrobial Agents Under Dynamic Contact Conditions	Antimicrobial coated surfaces
ASTM E2180-24 (2024)	Standard Test Method for Determining the Activity of Incorporated Antimicrobial Agent(s) in Polymeric or Hydrophobic Materials	Non-porous surfaces
DIN EN 15457:2022-05	Paints and varnishes — Laboratory method for testing the efficacy of film preservatives in a coating against fungi	Paints, varnishes, surfaces
DIN EN ISO 20743:2021-10	Textiles - Evaluation of the antibacterial effectiveness of textile products	Textiles
In-house method AA-00134 14.02.2024	Preservative stress test ('s impfzyklentest according to Brill) Microbial challenge tst (preservation test according to Brill)	Paints, varnishes, cooling lubricants, Cosmetics Coatings, varnishes, cooling lubricants
In-house method AA-00140 11/27/2023	Service life of cloth systems – Evaluation of preservation	Effectiveness of disinfectants
In-house method AA-00144 04.11.2020	Agar diffusion test for water insoluble substances (based on DIN 58940:1989)	Disinfectants, cooling lubricants
In-house method AA-00143 04.11.2020	Agar diffusion test for water soluble substances and wound dressings (based on DIN 58940:2007)	Disinfectants, cooling lubricants
ISO 22196:2011-08 AA-00148 09/29/2021	Measurement of antibacterial activity on plastics and other non-porous surfaces	Plastics, metals, Non-porous surfaces
JIS Z 2801/AMENDMENT 1: 2012-05-21 AA-00148 09/29/2021	Antimicrobial products - Test for antimicrobial activity and efficacy	Plastics, metals
Ph. Eur. 11 (2023) 5.1.3 AA-00139 12/09/2023	Efficacy of antimicrobial preservation EFFICACY OF ANTIMICROBIAL	Disinfectants



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Standard/date of issue In-house method/version	Analyte - Title of standard Information on sample preparation/test technique	Test object
USP 46 NF 41 <51> 2023	Antimicrobial Effectiveness Testing	Disinfectants
RKI Guideline on Hospital Hygiene, Chapter 4.3.4 Hyg Med 2015 ; 40-4 AA-00125 03/27/2023	Test of washing machines with bioindicators	Bioindicators
IBRG PDG 16/001.03 2024 AA-00381 07/22/2025	Effectiveness of biocides in polymer dispersions	Polymer dispersions
IBRG PDG 16-007.04 2022 AA-00382 07/22/2025	Effectiveness of biocides in water-based substances	Water-based substances
IBRG P 16-001.03 2024 AA-00387 07/22/2025	Effectiveness of biocides in water-based paints	Water-based paints

2. Field: Pharmaceutical products and active agents

2.1 Field of testing: Biological pharmaceutical products, active agents and excipient analytic

2.1.1 Type of testing: Testing for sufficient microbial preservation ^c

Standard/Date of issue In-house method/Version	Analyte - Title of standard Information on sample preparation/test technique	Test object
Ph. Eur. 11 5.1.3 2023 AA-00139 12/09/2023	Testing for sufficient preservation	pharmaceutical products
USP 46 NF 41 <51> 2023 AA-00138 12/09/2023	Antimicrobial effectiveness testing	pharmaceutical products



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3. Evaluation Efficacy testing in the fields of pharmaceutical products and active agents, health care (hospital hygiene and infection prevention), veterinary medicine, food, industry, and consumer goods by means of cultural microbiological tests^C

AOAC 955.14 2013	Testing Disinfectants against <i>Salmonella enterica</i> (Use dilution method)
AOAC 955.15 2013	Testing disinfectants against <i>Staphylococcus aureus</i> (use dilution method)
AOAC 955.17 2005	Fungicidal Activity of Disinfectants Using <i>Trichophyton mentagrophytes</i>
AOAC 964.02 2013	Testing Disinfectants against <i>Pseudomonas aeruginosa</i> (Use dilution method)
AOAC 991.47 2005	Testing Disinfectants against <i>Salmonella choleraesuis</i> (Hard Surface Carrier Test Method)
AOAC 991.48 2005	Testing Disinfectants against <i>Staphylococcus aureus</i> (Hard Surface Carrier Test Method)
AOAC 991.49 2005	Testing Disinfectants against <i>Pseudomonas aeruginosa</i> (Hard Surface Carrier Test Method)
ASTM E1153-25 (2025)	Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate, Hard, Nonporous Non-Food Contact Surfaces
ASTM E1174-21 (2021)	Standard Test Method for Evaluation of the Effectiveness of Health Care Personnel Handwash Formulations
ASTM E1839-20 (2020)	Standard Test Method for Efficacy of Slimicides for the Paper Industry – Bacterial and Fungal Slime
ASTM E2197-24 (2024)	Standard Quantitative Disk Carrier Test Method for Determining Bactericidal, Virucidal, Fungicidal Mycobactericidal, and Sporocidal Activities of Chemicals
ASTM E2755-22 (2022)	Standard Test Method for Determining the Bacteria-Eliminating Effectiveness of Hand Sanitizer Formulations Using Hands of Adults
ASTM E2783-22 (2022)	Standard Test Method for Assessment of Antimicrobial Activity for Water Miscible Compounds Using a Time-Kill Procedure
ASTM E2799-22 (2022)	Standard Test Method for Testing Disinfectant Efficacy against <i>Pseudomonas aeruginosa</i> Biofilm using the MBEC Assay
ASTM E645-25 (2025)	Standard Practice for Evaluation of Microbiocides Used in Cooling Water Systems
DIN EN 1040:2006-03	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of basic bactericidal activity (basic test) of chemical disinfectants and antiseptics - Test method and requirements (Phase 1)
DIN EN 1275:2006	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or levurocidal activity (basic test) of chemical disinfectants and antiseptics - Test method and requirements (Phase 1) (no conformity assessment of medical devices)



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DIN EN 1276:2019-11	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of the bactericidal, fungicidal and sporicidal activity of chemical disinfectants and antiseptics use in food, industrial, domestic and institutional areas – Test method and requirements (Phase 2, Step 1) <i>(no conformity assessment of medical devices)</i>
DIN EN 12791:2018-01	Chemical disinfectants and antiseptics: Surgical hand disinfectants
DIN EN 13610:2003-06	Chemical disinfectants - Quantitative suspension test for the evaluation of virucidal activity against bacteriophages of chemical disinfectants in food and industrial sectors - Test methods and requirements (Phase 2, Step 1) <i>(no conformity assessment of medical devices)</i>
DIN EN 13623:2020-12	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of the bactericidal activity against Legionella pneumophila of chemical disinfectants for aqueous systems <i>(no conformity assessment of medical devices)</i>
DIN EN 13624:2022-08	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area (phase 2, step 1) <i>(no conformity assessment of medical devices)</i>
DIN EN 13697:2024-01	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 <i>(no conformity assessment of medical devices)</i>
DIN EN 13704:2018-09	Chemical disinfectants - Quantitative suspension test for the evaluation of the sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2/step 1) <i>(no conformity assessment of medical devices)</i>
DIN EN 13727:2015-12	Quantitative suspension test for evaluation the bactericidal activity in the medical area (phase 2, step 1) <i>(no conformity assessment of medical devices)</i>
DIN EN 14204:2013-02	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of the mycobactericidal activity of chemical disinfectants and antiseptics used in veterinary area - Test methods and requirements (phase 2, Step 1)
DIN EN 14347:2005-08	Chemical disinfectants and antiseptics – basic sporicidal activity (basic test) - Test method and requirements (phase 1) <i>(no conformity assessment of medical devices)</i>
DIN EN 14348:2005-04	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of the mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants - Test methods and requirements (phase 2, Step 1) <i>(no conformity assessment of medical devices)</i>



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DIN EN 14349:2025-07	Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of the bactericidal activity of chemical disinfectants and antiseptics in the veterinary area on non-porous surfaces without mechanical action
DIN EN 1499:2017-10	Chemical disinfectants and antiseptics: Disinfectant hand washing
DIN EN 1500:2017-10	Chemical disinfectants and antiseptics: Hygienic hand disinfection
DIN EN 16437:2019-12	Chemical disinfectants and antiseptics - Quantitative surface test for evaluation of the bactericidal activity of chemical disinfectants and antiseptics for veterinary area on porous surfaces without mechanical action - Test method and requirements (phase 2, step 2)
DIN EN 16438:2014-07	Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of the fungicidal or yeasticidal activity of chemical disinfectants and antiseptics for veterinary area on non-porous surfaces without mechanical action - Test method and requirements (phase 2, step 2)
DIN EN 1650:2019-10	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1) (<i>no conformity assessment of medical devices</i>)
DIN EN 1656:2019-12	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements (phase 2, step 1)
DIN EN 1657:2025-02	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements (phase 2, step 1)
DIN EN 16615:2015-06	Chemical disinfectants and antiseptics - Quantitative test method for the evaluation of bactericidal and yeasticidal activity on non-porous surfaces with mechanical action employing wipes in the medical area (4-field test) - Test method and requirements (phase 2, step 2) (<i>no conformity assessment of medical devices</i>)
DIN EN 16616: 2022-10	Chemical disinfectants and antiseptics - Chemical-thermal textile disinfection - Test method and requirements (phase 2, step 2) (<i>no conformity assessment of medical devices</i>)
DIN EN 17126: 2019-02	Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of sporicidal activity in the medical area – Test methods and requirements (Phase 2, Step 1) (<i>no conformity assessment of medical devices</i>)
DIN EN 17272: 2020-06	Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities



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DIN EN 17387:2021-10	Chemical disinfectants and antiseptics - Quantitative test for the evaluation of bactericidal and yeasticidal and/or fungicidal activity of chemical disinfectants in the medical area on non-porous surfaces without mechanical action - Test method and requirements (phase 2, step 2) <i>(no conformity assessment of medical devices)</i>
DIN EN 17846: 2024-01	Chemical disinfectants and antiseptics - Quantitative test method for the evaluation of sporicidal activity against <i>Clostridioides difficile</i> on non-porous surfaces with mechanical action employing wipes in the medical area (4-field test) - Test method and requirements (phase 2, step 2) <i>(no conformity assessment of medical devices)</i>
DVG, IV 2024-12	Evaluation of minimum inhibitory concentration (MIC) of chemical disinfectants and selection of suitable neutralizing agents for testing disinfection procedures and chemical disinfectants for use in animal husbandry, veterinary practices and animal shelters, as well as in food, including meat production and food of animal origin (except milk), dairy sector and commercial kitchens
DVG Test Guidelines, Chapters VI, VII, VIII, IX 2017-11	Semi-quantitative suspension test for evaluation of levurocidal, fungicidal, tuberculocidal activity and inactivation kinetics under protein load for testing disinfection procedures and chemical disinfectants for veterinary practices and animal shelters as well as in food, including meat production and food of animal origin (except milk), dairy sector and commercial kitchens
DVG test guidelines, Chapter V 2024-12	Semi-quantitative suspension test for determining bactericidal efficacy and inactivation kinetics under protein load for testing disinfection procedures and chemical disinfectants for animal husbandry
DVG test guidelines, Chapter V 2024	Evaluation of bactericidal efficacy in practical carrier tests for the purpose of listing preventive disinfection in the testing of disinfection methods and chemical disinfectants for use in animal husbandry
DVG test guidelines, Chapter V 2024	Evaluation of bactericidal, levurocidal, fungicidal, and tuberculocidal efficacy in practical germ carrier tests to establish the listing entry for special disinfection in the testing of disinfection methods and chemical disinfectants for animal husbandry
DVG test guidelines, Chapter VI 2017	Evaluation of bactericidal, levurocidal and fungicidal activity in practical carrier tests to establish the listing entry for spray disinfection (without mechanics) in the testing of disinfection methods and chemical disinfectants for veterinary practices and animal shelters
DVG test guidelines, Chapters VII, VIII, IX 2017	Evaluation of bactericidal, levurocidal and fungicidal activity in practical carrier tests for the testing of disinfection procedures and chemical disinfectants in food, including meat production and food of animal origin (except milk), dairy sector and commercial kitchens
VAH Method 7: 2019-06	Determination of bacteriostatic and levurostatic efficacy and appropriate neutralising agents
VAH Method 8: 2019-06	Qualitative suspension test for determination of bactericidal and levurocidal activity
VAH Method 9: 2019-06	Quantitative suspension tests for determination of bactericidal, levurocidal, fungicidal, tuberculocidal or mycobactericidal activity



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VAH Method 10: 2019-06	Hygienic hand washing – practice-like test with volunteers
VAH Method 11: 2019-06	Hygienic hand disinfection – practice-like test with volunteers
VAH Method 12: 2025-01	Surgical hand disinfection – practice-like test with volunteers
VAH Method 13: 2025-01	Skin disinfection practice-like test with volunteers
VAH Method 14.1: 2025-01	Surface disinfection without mechanics– practice-like test
VAH Method 14.2: 2025-01	Surface disinfection with mechanical action – practice-like test with volunteers 4-field test
VAH Method 16: 2025-01	Chemical-thermal textile disinfection – immersion-bath process (practice-like test)
VAH Method 17: 2025-01	Chemical-thermal textile disinfection – single-bath method (practice-like test)
VAH Method 18: 2025-01	Quantitative suspension test for determination of sporicidal activity of Clostridium difficile spores
VAH Method 19: 2025-01	Surface disinfection against Clostridium difficile spores – Surface disinfection with mechanical action – practice-like 4-field test

4. Microbiological testing of cosmetics and packaging

DIN EN ISO 11930:2023-01 AA-00142 11/25/2023	Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product (ISO 11930:2019 + Amd 1:2022)
In-house method AA-00134 01/31/2024	Preservation test (inoculation cycle test according to Brill)
In-house method AA-00143 11/04/2020	Agar diffusion test for water soluble substances
In-house method AA-00144 11/04/2020	Agar diffusion test for water insoluble substances
Ph. Eur. 11 5.1.3 2023 AA-00139 11/25/2023	Testing for sufficient preservation (Modification: <i>here for cosmetics with formulations preserved with biocides</i>)
USP 46 NF 41 <51>, 2023 AA-00138 11/25/2023	Antimicrobial effectiveness testing (Modification: <i>here for cosmetics with formulations preserved with biocides</i>)



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Site Norderoog 2, 28259 Bremen

1. Field: Health care (Hospital hygiene and infection prevention)

1.1 Field of testing: Hygiene and infection prevention

1.1 Type of testing: Microbiological-hygiene testing ^C

Standard/Date of issue In-house method/version	Analyte – Title of standard Information on sample preparation/test technique	Test object
ISO 21702:2019-05	Measurement of antiviral activity on plastics and other non-porous surfaces	Plastics, non-porous surfaces
In-house method AA-00032 08/03/2023	Carrier test on treated surfaces according to JIS Z 2801 and ISO 22196	Plastics, non-porous surfaces
ISO 18184:2025-03	Textiles — Determination of antiviral activity of textile products	Textile products
ASTM E 2149 - 25 (2025)	Standard Test Method for Determining the Antimicrobial Activity of Antimicrobial Agents Under Dynamic Contact Conditions	Fiber materials
ASTM E 2180 – 24 (2024)	Standard Test Method for Determining the Activity of Incorporated Antimicrobial Agent(s) In Polymeric or Hydrophobic Materials	Polymeric surfaces, hydrophobic surfaces

2. Efficacy testing of disinfectants in the fields of pharmaceuticals products and active agents, health care (hospital hygiene and infection prevention), veterinary medicine, food, industry and consumer goods by means of cultural microbiological tests^C

ASTM E 1052 – 20 (2020)	Standard Practice to Assess the Activity of Microbicides against Viruses in Suspension
ASTM E 1838 – 17 (2017)	Standard Test Method for Determining the Virus-Eliminating Effectiveness of Hygienic Handwash and Handrub Agents Using the Fingerpads of Adults according to ASTM E 1838 - 17 (Phase 2, Step 2)
ASTM E 2011 – 21 (2021)	Standard Test Method for Evaluation of Hygienic Handwash and Handrub Formulations for Virus-Eliminating Activity Using the Entire Hand according to ASTM E 2011 - 21 (Phase 2, Step 2)
ASTM E 2197 – 24 (2024)	Standard Quantitative Disk Carrier Test Method for Determining Bactericidal, Virucidal, Fungicidal, Mycobactericidal, and Sporocidal Activities of Chemicals
ASTM E1053 – 20 (2020)	Standard Practice to Assess Virucidal Activity of Chemicals Intended for Disinfection of Inanimate, Nonporous Environmental Surfaces



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DIN EN 14476:2019-10	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of virucidal activity in the medical area - Test method and requirements (phase 2, step 1) <i>(no conformity assessment of medical devices)</i>
DIN EN 14675:2015-06	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)
DIN EN 16777:2019-03	Chemical disinfectants and antiseptics - Quantitative non-porous surfaces test without mechanical action for the evaluation of virucidal activity used in the medical area - Test method and requirements (phase 2, step 2) <i>(no conformity assessment of medical devices)</i>
DIN EN 17111:2018-12	Chemical disinfectants and antiseptics - Quantitative carrier test for the evaluation of virucidal activity for instruments used in the medical area - Test method and requirements (phase 2, step 2);
DIN EN 17122:2025-02	Chemical disinfectants and antiseptics - Quantitative non-porous surface test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements – (phase 2, step 2)
DIN EN 17272:2020-06	Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities
DIN EN 17430:2024-05	Chemical disinfectants and antiseptics - Hygienic handrub virucidal - Test method and requirements (phase 2/step 2)
DIN EN 17914:2025-08	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of virucidal activity in the food, industrial, domestic and institutional area - Test method and requirements (Phase 2/Step 1); German version EN 17914:2025
DIN EN 17915:2025-08	Chemical disinfectants and antiseptics - Quantitative non-porous surface test without mechanical action for the evaluation of virucidal activity of chemical disinfectants used in the food, industrial, domestic and institutional area - Test method and requirements (phase 2, step 2)
DVG Method V 2017	Methods of testing chemical disinfectants for animal husbandry – DVG test guidelines; 4th edition, as of November 7, 2017 – Method description; V Animal husbandry (V.3 Virucidity test)
DVV Guideline 2012	Quantitative non-porous surface test of virucidal activity of chemical disinfectants
DVV-RKI Guideline 2014	Guideline of the German Association for the Control of Viral Diseases (DVV) e.V. and the Robert Koch Institute (RKI) for evaluation of virucidal activity of chemical disinfectants in medicine
In-house method AA-00019 02/17/2022	Carrier test according to OECD on stainless steel carriers



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In-house method AA-00025 06/03/2025	Chemical disinfectants and antiseptics — Quantitative test method for the evaluation of the virucidal effect on non-porous surfaces with mechanical action in human medicine (4-field test) — Test method and requirements (phase 2, step 2); CEN/TC216/WG 1 N (WI 00216104) and EN 16615
In-house method AA-00026 09/12/2022	Carrier test via room decontamination according to NF T 72-218
In-house method AA-00037 01/30/2024	Virucidal carrier test according to AOAC 955.15.
In-house method AA-00038 01/21/2024	Virucidal carrier test according to AOAC 991.47
In-house method AA-00328 02/10/2022	Carrier test on stainless steel carriers according to PAS 2424
In-house method AA-00336 09/02/2025	Method of air disinfection

Site Am Hafen 6, 26548 Norderney

Efficacy testing of marine or limnic exposed materials (antifouling coatings) for ships, boats, port structures and other offshore structures on antifouling panels using biological test systems

ASTM 6990-20 (2020)	Standard Practice for Evaluating Biofouling Resistance and Physical Performance of Marine Coating Systems
ASTM 3623-78a (2020)	Standard Test Method for Testing Antifouling Panels in Shallow Submergence
In-house method AA-00308 01/24/2023	Dynamic field testing of antifouling coatings using RotoMarin®
House method AA-00309 01/24/2023	Rapid test on barnacle settlement (Rapid test for the settlement of barnacles in the field)

Abbreviations

AA	Work Standard operating procedures / In-house method
ASTM	American Society for Testing and Materials
AOAC	Association of Official Agricultural Chemists
DIN	German Institute for Standards (Deutsches Institut für Normung)
EN	European Standards (europäische Norm)
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization - International Organization for Standardization



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DVG	German Society of Veterinary Medicine (Deutsche Veterinärmedizinische Gesellschaft)
DGHM	German Society for Hygiene and Microbiology
JIS	Japan Industrial Standard
Ph. Eur.	European Pharmacopoeia (Pharmacopoeia Europaea)
USP–NF	United States Pharmacopoeia–National Formulary
VAH	Association for Applied Hygiene (Verbund für Angewandte Hygiene)

