

**AY-004721 Liste der akkreditierten Methoden nach DIN EN ISO/IEC 17025**

| Geltungsbereich                   | Standort | Prüfart            | AY-Nummer | Revision | Gültig ab  | SOP oder Verifizierung  |
|-----------------------------------|----------|--------------------|-----------|----------|------------|---|
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002164 | 9        | 08.02.2022 | 13C-NMR, Aufnahme und Auswertung von Spektren   |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002165 | 7        | 08.02.2022 | 1H-NMR-Spektroskopie, Aufnahme und Auswertung von Spektren  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002536 | 6        | 25.05.2023 | Determination of modification degree of complex organic acids by means of 1H NMR spectroscopy   |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002537 | 7        | 25.05.2023 | Determination of modification degree of complex organic acids by means of 1H NMR spectroscopy   |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002538 | 3        | 25.05.2023 | Determination of modification degree of (product name) by means of 1H NMR spectroscopy  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002540 | 3        | 01.06.2023 | Determination of modification degree of complex organic acids by means of 1H NMR spectroscopy   |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002543 | 2        | 25.05.2023 | Determination of Modification Degree by Means of 1H NMR Spectroscopy  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002567 | 1        | 17.11.2023 | Impurities in a drug substance using 31P-NMR spectroscopy   |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002574 | 3        | 24.11.2023 | Assay Determination by means of 1H NMR spectroscopy   |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002578 | 1        | 04.08.2022 | Impurities by 31P-NMR Spectroscopy  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002588 | 3        | 10.11.2023 | Assay of a organic substance in a customer product by Quantitative 1H-NMR Spectroscopy  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-002590 | 2        | 03.01.2024 | Assay of a organic substance in a customer product by Quantitative 1H-NMR Spectroscopy  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-003449 | 3        | 13.07.2023 | Assay Determination of drug substance by means of 1H-NMR spectroscopy   |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | AY-003786 | 2        | 28.11.2023 | Impurity Profile by 31P-NMR spectroscopy  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | CEP       | -        | -          | Verifizierung von Verfahren aus akkreditiertem Bereich (Kundenmethode)  |
| Molecular Spectroscopy Essen/Marl | M        | 1.1                | EP        | -        | -          | EP 1464   |
| GMP NMR                           | W        | 1.1                | AY-002580 | 2        | 29.08.2023 | Determination of branched carbohydrate by 13C-NMR spectroscopy  |
| Microscopy & Phys. Measurements   | W        | 1.10               | AY-003085 | 2        | 05.11.2024 | Dichte Bestimmung an Marker-Substanzen mittels Gaspyknometer  |
| Microscopy & Phys. Measurements   | W        | 1.10               | AY-003127 | 1        | 17.01.2023 | Dichte Bestimmung an Marker-Substanzen mittels Gaspyknometer  |
| Microscopy & Phys. Measurements   | W        | 1.10               | AY-004019 | 2        | 11.10.2023 | Bestimmung der komplexen Viskosität von a drug substance  |
| Microscopy & Phys. Measurements   | W        | 1.10               | AY-004664 | 1        | 12.08.2024 | Bestimmung der Viskosität mit dem Ubbelohde-Viskosimeter  |
| Microscopy & Phys. Measurements   | W        | 1.10               | AY-004727 | 1        | 23.09.2024 | Bestimmung des Brechungsindex von transparenten Flüssigkeiten mittels Abbé-Refraktometer  |
| Microscopy & Phys. Measurements   | W        | 1.10               | AY-005505 | 1        | 02.07.2025 | Determination of mass loss on root canal sealers by means of thermogravimetry   |
| GMP Elemental Analysis            | W        | 1.11               | AY-001815 | 4        | 07.07.2022 | EP 2.2.23   |
| GMP Elemental Analysis            | W        | 1.11               | AY-001818 | 2        | 24.05.2022 | Bestimmung von Blei (Pb) mittels Graphitrohr-AAS nach Lösen   |
| GMP Elemental Analysis            | W        | 1.11               | AY-003449 | 2        | 24.05.2022 | Bestimmung von Blei (Pb) mittels Graphitrohr-AAS nach Lösen   |
| GMP Elemental Analysis            | W        | 1.11               | AY-003286 | 1        | 02.05.2023 | Bestimmung von Si mittels ETV-AAS   |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | EP        | -        | -          | EP 2.4.31 and reference to EP 2.2.23 Method I   |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | EP        | -        | -          | EP 01/2008:1497 and reference to EP 2.4.31 and EP 2.2.23  |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | EP        | -        | -          | EP 1003 and EP 2.2.22   |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | EP        | -        | -          | EP 1003 and EP 2.2.22   |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | EP        | -        | -          | EP 0402 and EP 2.2.22   |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | EP        | -        | -          | EP 0840 and EP 2.2.23   |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP Limit Test of Potassium and Sodium Chloride   |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP NF 852  |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP NF 853  |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP NF 854  |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP NF 855  |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP NF 856  |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP NF 857  |
| GMP Inorganic Solids Analytcs     | W        | 1.11               | USP       | -        | -          | USP NF 858  |
| GMP Elemental Analysis            | W        | 1.11 / 1.13        | AY-001332 | 2        | 28.11.2022 | Bestimmung von As, Cd, Pb und Hg mittels ICP-MS nach Druckaufschluss (MW) und Hg mittels DMA  |
| GMP Elemental Analysis            | W        | 1.11 / 1.13        | AY-001333 | 1        | 28.11.2022 | Bestimmung von As, Cd, Pb und Hg (E 551) mittels ICP-MS nach Lösen und Hg mittels DMA   |
| GMP Elemental Analysis            | W        | 1.12               | AY-001826 | 3        | 25.01.2022 | Quantitative Bestimmung von Ca und P mittels ICP-OES nach Druckaufschluss (UC)  |
| GMP Elemental Analysis            | W        | 1.12               | AY-001828 | 2        | 07.07.2022 | Quantitative Ca-Bestimmung mittels ICP-OES nach salpetersaurem Lösen  |
| GMP Elemental Analysis            | W        | 1.12               | AY-001834 | 4        | 07.11.2022 | Grenzwertprüfung von Ni und Pd mittels ICP-OES nach Druckaufschluss (UC)  |
| GMP Elemental Analysis            | W        | 1.12               | AY-001835 | 2        | 28.10.2021 | Quantitative Bestimmung von Pd nach Druckaufschluss (UltraClave (UC)) mittels ICP-OES   |
| GMP Element Spectrometry          | W        | 1.12               | AY-001844 | 4        | 25.07.2025 | Präzise Bestimmung von SiO <sub>2</sub> , CaO und Na mittels ICP-OES nach Lithiummetaborat-Schmelzaufschluss / Precise determination of SiO <sub>2</sub> , CaO, and Na using ICP-OES after lithium metaborate fusion  |
| GMP Element Spectrometry          | W        | 1.12               | AY-003497 | 2        | 25.07.2025 | Quantitative Bestimmung der Natrium und Aluminium Gehalte / Quantitative determination of the sodium and aluminum content   |
| GMP Elemental Analysis            | W        | 1.12 / 1.13 / 1.14 | AY-002225 | 2        | 16.09.2024 | Quantitative Bestimmung Si, Mn, Cr, Mo, Ni, P, C, N und S   |
| GMP Elemental Analysis            | W        | 1.13               | AY-000573 | 8        | 18.07.2023 | Bestimmung des Rest-Zinngehaltes mittels ICP-MS   |
| GMP Elemental Analysis            | W        | 1.13               | AY-001091 | 1        | 07.11.2022 | Quantitative Bestimmung von As, Cd, Hg, Pb, Co und V mittels ICP-MS nach Druckaufschluss (UltraClave (UC))  |
| GMP Elemental Analysis            | W        | 1.13               | AY-001093 | 2        | 13.12.2022 | Quantitative Bestimmung von Pd mittels ICP-MS nach Druckaufschluss (UltraClave (UC)) / Quantitative determination of Pd by ICP-MS after pressure digestion (UltraClave (UC))  |
| GMP Element Spectrometry          | W        | 1.13               | AY-001097 | 3        | 18.11.2025 | Quantitative Bestimmung von Mangan (Mn) mittels ICP-MS  |
| GMP Elemental Analysis            | W        | 1.13               | AY-001218 | 3        | 28.11.2022 | Quantitative Bestimmung von Pd mittels induktiv gekoppelter Plasma-Massenspektrometrie (ICP-MS) nach Druckaufschluss (UltraClave (UC)) / Quantitative determination of Pd by inductively coupled plasma mass spectrometry (ICP-MS) after pressure digestion (UltraClave (UC)) |
| GMP Elemental Analysis            | W        | 1.13               | AY-001220 | 3        | 24.01.2023 | Grenzwertprüfung von Li, V, Cr, Co, Ni, Cu, As, Mo, Cd, Sb, Hg und Pb mittels ICP-MS nach Druckaufschluss (UltraClave (UC))   |
| GMP Elemental Analysis            | W        | 1.13               | AY-001223 | 2        | 27.04.2022 | Bestimmung von V, Cu, Mo, Ru, Pd, Ag, Cd, Sn, Sb, Pt, Au, Hg, Pb, Bi mit ICP-MS nach Lösen  |
| GMP Elemental Analysis            | W        | 1.13               | AY-001244 | 3        | 07.11.2022 | Quantitative Bestimmung von As, Cd, Hg, Pb, Cr, Mo, Ni, V mittels ICP-MS nach Druckaufschluss   |
| GMP Elemental Analysis            | W        | 1.13               | AY-001334 | 2        | 25.09.2023 | Bestimmung von Co mittels ICP-MS nach Lösen (Co-löslich)  |
| GMP Element Spectrometry          | W        | 1.13               | AY-001695 | 5        | 16.09.2025 | Quantitative Bestimmung von Blei (Pb), Arsen (As), Cadmium (Cd) und Quecksilber (Hg) mittels ICP-MS nach Extraktion   |
| GMP Element Spectrometry          | W        | 1.13               | AY-001857 | 3        | 24.07.2025 | Quantitative Bestimmung von As, Cd, Hg und Pb mittels ICP-MS nach Extraktion in 0,5 M Salzsäure - Quantitative determination of Pb, As, Cd and Hg by ICP-MS after extraction in 0.5 M hydrochloric acid   |
| GMP Elemental Analysis            | W        | 1.13               | AY-002993 | 2        | 28.11.2022 | Quantitative Bestimmung von Pb und Ni in verschiedenen Arten von Zucker mittels ICP-MS  |

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| GMP Element Spectrometry       | W        | 1.13    | AY-002995 | 1        | 06.12.2022 | Quantitative Bestimmung von Blei (Pb), Arsen (As), Cadmium (Cd) und Quecksilber (Hg) mittels ICP-MS / Quantitative determination of As, Cd, Hg, and Pb using ICP-MS after extraction in 0.5 M hydrochloric acid |
| GMP Elemental Analysis         | W        | 1.13    | AY-003077 | 1        | 20.01.2023 | Quantitative Bestimmung von Y mittels ICP-MS in Markersubstanzen nach Eluieren mit Wasser   |
| GMP Elemental Analysis         | W        | 1.13    | AY-003117 | 3        | 27.09.2023 | Quantitative Bestimmung von Y, Er, Yb mittels ICP-MS in verschiedenen Migrationsmedien  |
| GMP Inorganic Solids Analytics | W        | 1.13    | AY-003975 | 4        | 12.10.2023 | Halbquantitative Übersichts- und Multielementanalysen am Finnigan ELEMENT GD  |
| GMP Inorganic Solids Analytics | W        | 1.13    | AY-003976 | 7        | 12.10.2023 | Halbquantitative Übersichts- und Multielementanalysen am Finnigan ELEMENT GD  |
| GMP Inorganic Solids Analytics | W        | 1.13    | AY-003977 | 4        | 12.10.2023 | Halbquantitative Übersichts- und Multielementanalysen am Finnigan ELEMENT GD  |
| GMP Inorganic Solids Analytics | W        | 1.13    | AY-003978 | 4        | 12.10.2023 | Halbquantitative Übersichts- und Multielementanalysen am Finnigan ELEMENT GD  |
| GMP Inorganic Solids Analytics | W        | 1.13    | AY-003979 | 4        | 07.11.2023 | Semiquantitative Übersichts- und Multielementanalyse mittels GDMS   |
| GMP Inorganic Solids Analytics | W        | 1.13    | AY-003980 | 8        | 16.11.2023 | Semiquantitative Übersichtsanalyse von Legierungen mittels GDMS / Semiquantitative Survey Analyses of Alloys  |
| GMP Elemental Analysis         | W        | 1.14    | AY-001877 | 2        | 08.03.2024 | Bestimmung von C, H, N und S mittels Elementaranalyse   |
| GMP Elemental Analysis         | W        | 1.14    | AY-003757 | 1        | 16.11.2023 | Bestimmung des Stickstoffgehaltes mittels Elementaranalyse  |
| GMP Elemental Analysis         | W        | 1.14    | AY-004271 | 1        | 13.08.2024 | C,H,N-Bestimmung mittels Elementaranalyse   |
| GMP Elemental Analysis         | W        | 1.14    | AY-004299 | 2        | 19.06.2025 | N-Bestimmung mittels Elementaranalyse   |
| GMP Elemental Analysis         | W        | 1.14    | AY-004300 | 2        | 14.01.2025 | Bestimmung des Kohlenstoff-Gehaltes mittels Elementaranalyse  |
| GMP Inorganic Solids Analytics | W        | 1.14    | AY-003402 | 4        | 04.12.2025 | Quantitative Bestimmung von Wasserstoff-, Stickstoff- und Sauerstoff in Metallen, Metalloxiden und anorganischen Matrices mit dem Elementaranalysator ONH836  |
| GMP Inorganic Solids Analytics | W        | 1.14    | AY-003967 | 6        | 24.02.2025 | Quantitative Bestimmung von Kohlenstoff und Schwefel in Metallen, Metalloxiden und anorganischen Matrices mit dem Elementaranalysator Inducator CS Cube   |
| GMP Inorganic Solids Analytics | W        | 1.14    | AY-005935 | 1        | 27.04.2026 | Quantitative Bestimmung von Kohlenstoff und Schwefel in Metallen, Metalloxiden und anorganischen Matrices mit dem Elementaranalysator LECO CS744 (IN-00002571)  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003379 | 5        | 02.03.2026 | Polymorphie-Bestimmung mittels Röntgenpulverdiffraktometrie (XRPD)  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-004769 | 1        | 16.01.2025 | Identity and Limit Test Method for Detection by X-Ray Powder Diffraction in Transmission  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002402 | 1        | 02.05.2022 | Röntgenwinkelbeugung zur Charakterisierung der Morphologie von Wirkstoffen  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002488 | 1        | 14.04.2022 | Characterization of lyophilized Drug Product by X-ray powder diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002513 | 1        | 13.05.2022 | Determination of crystal modification of a drug substance by X-ray Powder Diffraction (transmission)  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002544 | 1        | 23.05.2022 | Determination of crystal modification of drug substance by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002589 | 1        | 12.10.2022 | Detection of crystal modification as well as the quantitative determination of crystal modification in drug substance   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002605 | 2        | 02.09.2024 | Determination of crystal modification of organic compound by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002759 | 1        | 05.08.2022 | Determination of crystal modification of drug substance by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002785 | 1        | 23.08.2022 | Characterization of lyophilized Drug Product by X-ray powder diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002786 | 1        | 16.11.2022 | Determination of crystal modification by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-002915 | 1        | 13.12.2023 | Determination of crystal phase by X-ray Powder Diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003113 | 2        | 10.03.2023 | Determination of crystal modification of API by X-ray Powder Diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003205 | 4        | 31.05.2023 | Determination of the crystal modification of active pharmaceutical ingredient by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003231 | 1        | 14.02.2023 | Detection of crystal modification in Spray-Dried Dispersion by X-Ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003280 | 2        | 16.02.2026 | XRD-Analyse von anorganischem Salz: qualitative und quantitative Phasenanalyse mittels Rietveld gemäß ISO 13779-3   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003306 | 2        | 19.04.2023 | Quantitativer Nachweis von kristallinen Anteilen mittels XRD nach Anreicherung  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003345 | 1        | 25.01.2024 | Determination of crystal modification by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003346 | 1        | 08.03.2024 | Polymorphiebestimmung   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003349 | 1        | 07.11.2023 | Phasenbestimmung  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003373 | 2        | 07.11.2023 | Identity determination of the polymorphy of customer sample using XRPD  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003375 | 1        | 10.11.2023 | Phasenbestimmung  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003376 | 1        | 14.02.2024 | Polymorphbestimmung   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003377 | 1        | 14.02.2024 | Phasenbestimmung  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003378 | 3        | 10.11.2023 | Röntgenwinkelbeugung zur Charakterisierung der Morphologie von Wirkstoffen  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003380 | 2        | 10.11.2023 | Polymorphy determination  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003382 | 2        | 10.11.2023 | Determination of identity of customer sample and detection of Form II in Form I by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003384 | 1        | 27.11.2023 | Identity determination of the polymorphy in drug substance using XRPD   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003441 | 1        | 21.04.2023 | Polymorph identification by X-ray powder diffraction in transmission  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003451 | 2        | 03.11.2023 | Limit of Crystalline Content by X-ray Powder Diffraction in transmission  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003458 | 2        | 27.11.2023 | Determination of polymorphic form of organic compound by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003461 | 2        | 14.02.2024 | Determination of crystal modification in drug substance   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003462 | 1        | 27.11.2023 | Polymorphiebestimmung   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003463 | 1        | 18.07.2023 | Determination of crystal modification by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003465 | 1        | 18.07.2023 | Polymorphiebestimmung von organischen Verbindungen  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003466 | 1        | 14.02.2024 | Polymorphiebestimmung von organischer Verbindung  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003470 | 5        | 07.07.2025 | Determination of crystal modification by X-ray Powder Diffraction   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003472 | 1        | 26.07.2023 | Determination of the crystal modification of by X-ray Powder Diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003473 | 1        | 05.12.2023 | Crystallinity detection   |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003475 | 4        | 18.10.2023 | Determination of the crystal modification of active pharmaceutical ingredient by X-ray Powder Diffraction in reflection and transmission  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003476 | 2        | 05.12.2023 | Determination of the crystal modification of a active pharmaceutical ingredient and detection of Forms II and III contaminants in Form I by X-ray Powder Diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003490 | 1        | 05.12.2023 | Determination of the crystal modification of by X-ray Powder Diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003491 | 2        | 23.04.2024 | Polymorphie-Bestimmung  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003494 | 1        | 14.02.2024 | Röntgenwinkelbeugung zur Charakterisierung der Morphologie von Wirkstoffen  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003550 | 1        | 08.12.2023 | Limit of crystalline content by X-Ray Powder Diffraction  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003643 | 1        | 29.06.2023 | Determination of crystal modification of a API by X-ray powder diffraction in transmission  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003712 | 2        | 14.12.2023 | Determination of crystal modification of drug substances by X-ray powder diffraction in transmission  |
| GMP Inorganic Solids Analytics | W        | 1.15    | AY-003729 | 1        | 01.03.2024 | Polymorphic Identification by X-ray powder diffraction  |

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|---------------------------------|----------|---------|-----------|----------|------------|---|
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-003832 | 2        | 03.01.2024 | Detection of crystalline parts in a spray-dried dispersion by X-Ray Powder Diffraction                            |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-003833 | 1        | 10.11.2023 | Detection of crystalline modification by X-Ray Powder Diffraction   |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-003847 | 1        | 20.09.2023 | Determination of crystal modification of drug substances by X-ray Powder Diffraction                              |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-003872 | 1        | 15.08.2023 | Bestimmung der Kristallmodifikation mittels Röntgenpulverdiffraktometrie  |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-003921 | 1        | 16.11.2023 | Determination of crystal modification of a salt by X-ray Powder Diffraction                                       |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-003947 | 1        | 23.10.2023 | Determination of crystal modification by X-ray powder diffraction in transmission                                 |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004283 | 1        | 14.02.2024 | Determination of crystal modification/polymorphic form by X-ray Powder Diffraction                                |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004284 | 2        | 20.06.2024 | Determination of crystal modification of by X-ray powder diffraction  |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004316 | 2        | 08.03.2024 | Determination of the crystal modification/polymorphic form by X-ray Powder Diffraction                            |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004331 | 1        | 10.04.2024 | Determination of crystal modification by X-ray powder diffraction in transmission                                 |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004416 | 6        | 18.04.2024 | Identification and detection of Polymorph I and Polymorph II in inorganic salts                                   |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004431 | 2        | 24.10.2024 | Detection of the crystalline Free Form in drug substance by XRPD  |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004843 | 1        | 23.01.2025 | Limit Test by X-ray Powder Diffraction in Transmission  |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004866 | 2        | 14.01.2026 | Identity test of (product name) by X-Ray Powder Diffraction in Transmission                                       |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-004869 | 1        | 04.09.2025 | Identity Test of (product name) by X-Ray Powder Diffraction in Transmission                                       |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-005051 | 1        | 19.03.2025 | Polymorphic Form Determination by X-Ray Powder Diffraction  |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-005812 | 1        | 11.12.2025 | Determination of crystal modification of (product name) by X-ray powder diffraction                               |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-005887 | 1        | 10.02.2026 | Determination of crystal modification of UBIC-11 crude and UBIC-11 pure by X-ray powder diffraction               |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-005944 | 1        | 10.02.2026 | Determination of crystal modification of API by X-ray powder diffraction in transmission                          |
| GMP Inorganic Solids Analytics  | W        | 1.15    | AY-006031 | 1        | 29.04.2026 | Identity determination of Inavolisib by X-ray powder diffraction in transmission                                  |
| Microscopy & Phys. Measurements | W        | 1.16    | AY-002860 | 2        | 24.08.2023 | Thermogravimetrie TG mit der Mikro-Thermowaage TG 209 F1 Libra von Netzsch  |
| Microscopy & Phys. Measurements | W        | 1.16    | AY-002861 | 1        | 17.01.2023 | Thermogravimetric characterization of marker substances   |
| Microscopy & Phys. Measurements | W        | 1.16    | AY-003397 | 7        | 28.08.2023 | Dynamische Differenz-Kalorimetrie mit DSC Modulen von Mettler Toledo  |
| Microscopy & Phys. Measurements | W        | 1.16    | AY-003815 | 2        | 26.09.2023 | Dynamische Differenz Kalorimetrie mit DSC Modulen von Mettler Toledo / DSC an (Produktname)                       |
| Microscopy & Phys. Measurements | W        | 1.16    | AY-003837 | 1        | 17.10.2023 | Bestimmung des Schmelzpeaks von Salzen  |
| Microscopy & Phys. Measurements | W        | 1.16    | AY-003839 | 3        | 20.12.2023 | Schmelzpunktbestimmung an verschiedenen organischen Säuren  |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-002520 | 1        | 23.06.2022 | Ph.Eur.2.9.31   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003016 | 1        | 22.08.2023 | Bestimmung der Partikelgrößenverteilung   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003143 | 2        | 22.08.2023 | Bestimmung der Partikelgrößenverteilung   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003258 | 1        | 07.03.2023 | Bestimmung der Partikelgrößenverteilung mittels Laserbeugungsanalyse  |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003883 | 5        | 01.03.2024 | Bestimmung der Partikelgrößenverteilung von anorganischen Verbindungen  |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003890 | 1        | 28.08.2023 | Bestimmung der Partikelgrößenverteilung   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003898 | 1        | 28.08.2023 | Bestimmung der Partikelgrößenverteilung   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003909 | 1        | 15.01.2024 | Partikelgrößenbestimmung mittels dynamischer Lichtstreuung mit dem Zetasizer Pro (Blau)                           |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003957 | 1        | 10.10.2023 | Bestimmung der Partikelgrößenverteilung   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-003969 | 3        | 20.10.2023 | Bestimmung der Partikelzahl mit dem optischen Einzelpartikelzähler / Bestimmung von partikulären Verunreinigungen |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-004114 | 1        | 23.11.2023 | Laserbeugungsanalyse an Fettsäuresalzen   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-004242 | 1        | 19.01.2024 | Bestimmung der Partikelgrößen mittels DLS   |
| Microscopy & Phys. Measurements | W        | 1.17    | AY-004997 | 1        | 28.01.2025 | Bestimmung der Partikelgröße mittels DLS  |
| Microscopy & Phys. Measurements | W        | 1.18    | USP       | 2        | 17.11.2023 | USP 846   |
| Microscopy & Phys. Measurements | W        | 1.18    | USP       | 2        | 17.11.2023 | USP 846   |
| Microscopy & Phys. Measurements | W        | 1.18    | AY-004058 | 2        | 17.11.2023 | USP 846 und EP 2.9.26   |
| Microscopy & Phys. Measurements | W        | 1.18    | AY-005857 | 1        | 02.03.2026 | Bestimmung von Stickstoffsorptionsisothermen mit dem Sorptionsmessgerät   |
| Microscopy & Phys. Measurements | W        | 1.18    | AY-002489 | 5        | 19.01.2026 | Bestimmung von N2-Sorptionsisothermen mit dem Sorptionsmessgerät TRISTAR  |
| GMP Elemental Analysis          | W        | 1.19    | AY-003496 | 2        | 25.07.2025 | Gravimetrische SiO2-Bestimmung / Gravimetric SiO2 determination   |
| Anorganische Analytik Hanau     | W        | 1.19    | JECFA     | -        | -          | JECFA Monographs 17 " Calcium Sulfate"  |
| GMP Elemental Analysis          | W        | 1.19    | AY-001902 | 5        | 24.07.2025 | Quantitative Bestimmung der löslichen ionisierbaren Salze   |
| GMP Elemental Analysis          | W        | 1.19    | AY-001903 | 2        | 21.10.2024 | Quantitative Determination of Soluble Ionizable Salts   |
| Optical Spectroscopy            | W        | 1.3     | AY-002570 | 7        | 03.11.2023 | Identitätsprüfung mittels IR-Spektroskopie / Identity Testing by IR Spectroscopy                                  |
| Optical Spectroscopy            | W        | 1.3     | AY-002796 | 2        | 15.09.2025 | Bestimmung der Identität mittels ATR-IR-Spektroskopie   |
| Optical Spectroscopy            | W        | 1.3     | AY-002836 | 1        | 10.10.2022 | Bestimmung der Identität mittels ATR-IR-Spektroskopie   |
| Optical Spectroscopy            | W        | 1.3     | AY-003270 | 7        | 01.03.2023 | Identity of amino acid derivative by IR spectroscopy  |
| Optical Spectroscopy            | W        | 1.3     | AY-003272 | 8        | 01.03.2023 | Identity of amino acid derivative by IR spectroscopy  |
| Optical Spectroscopy            | W        | 1.3     | AY-003274 | 7        | 01.03.2023 | Identity of amino acid derivative by IR spectroscopy  |
| Optical Spectroscopy            | W        | 1.3     | AY-003275 | 7        | 01.03.2023 | Identity of amino acid derivative by IR spectroscopy  |
| Optical Spectroscopy            | W        | 1.3     | AY-003276 | 9        | 01.03.2023 | Identity of amino acid derivative by IR spectroscopy  |
| Optical Spectroscopy            | W        | 1.3     | AY-003389 | 2        | 24.11.2023 | Identity by IR spectroscopy   |
| Optical Spectroscopy            | W        | 1.3     | AY-003390 | 2        | 08.05.2023 | Bestimmung der Identität und Vergleich von Chromatografiegelelen mittels ATR-IR-Spektroskopie                     |
| Optical Spectroscopy            | W        | 1.3     | AY-003452 | 2        | 06.11.2023 | Identity determination by means of IR-ATR Spectroscopy  |
| Optical Spectroscopy            | W        | 1.3     | AY-003454 | 2        | 27.09.2023 | Identity determination by means of IR-ATR Spectroscopy  |
| Optical Spectroscopy            | W        | 1.3     | AY-003625 | 2        | 29.06.2023 | Bestimmung der Identität von Aminosäure Produkten mit Hilfe der IR-Spektroskopie                                  |
| Optical Spectroscopy            | W        | 1.3     | AY-003765 | 3        | 03.11.2023 | Bestimmung der Identität vom Chromatografiegelel mittels ATR-IR-Spektroskopie                                     |
| Optical Spectroscopy            | W        | 1.3     | AY-003769 | 2        | 12.12.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy            | W        | 1.3     | AY-003770 | 8        | 11.03.2026 | Bestimmung der Identität und Vergleich von Chromatografiegelelen mittels ATR-IR-Spektroskopie                     |
| GMP Elemental Analysis          | W        | 1.3     | AY-003777 | 2        | 12.12.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy            | W        | 1.3     | AY-003784 | 2        | 24.11.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy            | W        | 1.3     | AY-003798 | 2        | 12.12.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy            | W        | 1.3     | AY-003799 | 2        | 30.11.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy            | W        | 1.3     | AY-003800 | 5        | 30.11.2023 | Bestimmung der Identität mittels IR-Spektroskopie   |

AY-004721 Liste der akkreditierten Methoden nach DIN EN ISO/IEC 17025

| Geltungsbereich                   | Standort | Prüfart | AY-Nummer    | Revision | Gültig ab  | SOP oder Verifizierung  |
|-----------------------------------|----------|---------|--------------|----------|------------|---|
| Optical Spectroscopy              | W        | 1.3     | AY-003802    | 2        | 08.08.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-003803    | 2        | 30.11.2023 | Bestimmung der Identität mit Hilfe IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-003806    | 2        | 12.12.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-003807    | 3        | 07.12.2023 | Bestimmung der Identität mittels IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-003891    | 2        | 12.12.2023 | Bestimmung der Identität mit Hilfe der IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-003893    | 2        | 02.01.2024 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-003894    | 2        | 12.12.2023 | Bestimmung der Identität mit Hilfe der ATR-IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-003936    | 1        | 12.10.2023 | Bestimmung der Identität mittels ATR-IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-004118    | 2        | 16.11.2023 | Identität by IR ATR Spectroscopy  |
| Optical Spectroscopy              | W        | 1.3     | AY-004269    | 1        | 29.05.2024 | Bestimmung der Identität mittels ATR-IR-Spektroskopie   |
| Optical Spectroscopy              | W        | 1.3     | AY-004385    | 1        | 08.07.2024 | Identität mittels ATR-IR-Spektroskopie  |
| Optical Spectroscopy              | W        | 1.3     | AY-004612    | 1        | 05.11.2024 | Identität mittels ATR-IR-Spektroskopie  |
| Optical Spectroscopy              | W        | 1.3     | EP           | -        | -          | EP 0895   |
| Optical Spectroscopy              | W        | 1.3     | EP           | -        | -          | EP 2397   |
| Optical Spectroscopy              | W        | 1.3     | EP           | -        | -          | Bestimmung der Identität gemäß EP mittels IR-Spektroskopie  |
| Optical Spectroscopy              | W        | 1.3     | USP          | -        | -          | USP-NF Cholesterol, Monograph Cholesterol   |
| Optical Spectroscopy              | W        | 1.3     | AY-005764    | 1        | 06.03.2026 | Identität eines API mittels ATR-IR-Spektroskopie  |
| Optical Spectroscopy              | W        | 1.3     | AY-002910    | 3        | 26.03.2026 | Identitätsprüfung von Polymeren mittels IR-Spektroskopie  |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | AY-002079    | 7        | 27.03.2023 | Messung von IR-Spektren   |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | AY-002152    | 6        | 20.11.2023 | IR-Spektroskopie von organischen Verbindungen mittels FT-IR   |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | AY-002911    | 1        | 26.09.2023 | Identitätsprüfung mittels IR-ATR-Spektroskopie  |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | AY-002912    | 3        | 16.04.2024 | Determination of the degree of siliconization by means of IR spectroscopy                                       |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | JP 16 2.25   | -        | -          | JP 16 2.25  |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | USP 38 NF 33 | -        | -          | USP 38 NF 33  |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | USP 43 NF 38 | -        | -          | USP 43 NF 38 2S   |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | USP 43 NF 38 | -        | -          | USP 43 NF 38 2S   |
| Molecular Spectroscopy Essen/Marl | M        | 1.3     | USP-40 NF 35 | -        | -          | USP-40 NF 35  |
| GMP Mass Spectrometry             | W        | 1.4     | AY-003061    | 3        | 06.12.2023 | Quantification of API in drug substance by HPLC-MS  |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004010    | 6        | 17.10.2023 | Determination of Degradation Products   |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004013    | 2        | 45215      | according to USP-NF 35  |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004024    | 2        | 07.11.2023 | Mass spectrometric limit test for organic acid derivate   |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004025    | 2        | 06.12.2023 | Mass spectrometric limit test for an acetic acid derivate   |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004172    | 1        | 29.11.2023 | Quantification of N-Nitroso compound by HPLC-MS   |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004173    | 3        | 29.11.2023 | Quantification of Nitroso compounds by HPLC-MS  |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004176    | 2        | 29.11.2023 | Quantification of Impurity in API by HPLC-MS  |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004177    | 1        | 29.11.2023 | EP 07/2017:2736, corrected 9.6  |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004178    | 2        | 10.05.2024 | Quantification of Impurity in drug substance by HPLC-MS   |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004179    | 3        | 14.12.2023 | Direktmessungen am einer organischen Verbindung mittels Spritzenpumpe oder Fließinjektion zur Identitätsprüfung |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004180    | 4        | 14.12.2023 | Quantifizierung von amino acids in complex organic aminoacid compounds mittels LC-MS                            |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004471    | 2        | 14.02.2025 | Quantitation of N-Nitroso-compound in drug substance  |
| GMP Mass Spectrometry             | W        | 1.4     | AY-004726    | 1        | 15.08.2024 | Quantitation of an organic compound in API  |
| GMP Chromatography                | W        | 1.5     | EP           | -        | -          | EP 04 2019 1464 according to USP  |
| GMP Chromatography                | W        | 1.5     | EP           | -        | -          | EP 04 2019 1464 according to USP  |
| GMP Chromatography                | W        | 1.5     | USP          | -        | -          | USP <467>   |
| GMP Chromatography                | W        | 1.5     | USP          | -        | -          | USP <467>   |
| GMP Chromatography                | W        | 1.5     | EP           | -        | -          | EP 0428   |
| GMP Chromatography                | W        | 1.5     | EP           | -        | -          | EP 0426 and EP 20245  |
| GMP Chromatography                | W        | 1.5     | USP          | -        | -          | USP monograph "Aspartic Acid"   |
| GMP Chromatography                | W        | 1.5     | EP           | -        | -          | USP general chapter <621> "Chromatography"  |
| GMP Chromatography                | W        | 1.5     | EP           | -        | -          | EP 0426 and EP 20422 Method C   |
| GMP Chromatography                | W        | 1.6     | AY-002635    | 9        | 06.05.2024 | Simultane Bestimmung von APIs   |
| GMP Chromatography                | W        | 1.6     | AY-002967    | 4        | 13.09.2023 | Spurenbestimmung von organischen Salzen mittels HPLC und Fluoreszenzdetektion                                   |
| GMP Chromatography                | W        | 1.6     | AY-002969    | 3        | 25.05.2023 | Quantification of a tenside derivative by means of HPLC   |
| GMP Chromatography                | W        | 1.6     | EP           | -        | -          | Ph. Eur. 01/2018:0797   |
| GMP Chromatography                | W        | 1.6     | EP           | -        | -          | EP 04 2024 0232   |
| GMP Chromatography                | W        | 1.6     | EP           | -        | -          | EP 04 2020 2086   |
| GMP Chromatography                | W        | 1.6     | EP           | -        | -          | EP 01 2023 0559   |
| GMP Chromatography                | W        | 1.6     | JP           | -        | -          | JP XVIII  |
| GMP Chromatography                | W        | 1.6     | EP           | -        | -          | EP:0435   |
| GMP Chromatography                | W        | 1.6     | EP           | -        | -          | EP 01 2018 0797   |
| GMP Chromatography                | W        | 1.6     | USP          | -        | -          | Verification Report USP Monograph Tranexamic Acid "organic impurities"  |
| GMP Chromatography                | W        | 1.6     | USP          | -        | -          | Verification Report USP Monograph Tranexamic Acid "Assay"   |
| GMP Chromatography                | W        | 1.6     | USP          | -        | -          | USP 467   |
| GMP Chromatography                | W        | 1.6     | USP          | -        | -          | USP Glycine   |
| GMP Bioanalytics                  | W        | 1.7     | AY-002888    | 5        | 15.07.2024 | Durchführung einer Aminosäureanalyse mit dem Aminosäure-Analysator S433 der Firma Sykam                         |
| GMP Bioanalytics                  | W        | 1.7     | AY-002889    | 10       | 11.03.2024 | Aminosäureanalytik  |
| GMP Bioanalytics                  | W        | 1.7     | AY-002889    | 10       | 11.03.2024 | Aminosäureanalytik  |
| GMP Bioanalytics                  | W        | 1.7     | EP           | 10       | 11.03.2024 | EP 8.8, monograph 07/2015:0614  |
| GMP Bioanalytics                  | W        | 1.7     | AY-002889    | 10       | 11.03.2024 | EP 8.8, Monographie 07/2015:0614  |
| GMP Bioanalytics                  | W        | 1.7     | AY-002889    | 10       | 11.03.2024 | Ph. Eur. Ausgabe 9.0, Monographie 01/2017:0998  |

## AY-004721 Liste der akkreditierten Methoden nach DIN EN ISO/IEC 17025

| Geltungsbereich        | Standort | Prüfart | AY-Nummer | Revision | Gültig ab  | SOP oder Verifizierung  |
|------------------------|----------|---------|-----------|----------|------------|---|
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph. Eur. Ausgabe 9.0, Monographie 01/2017:0806  |
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph. Eur. Methode EP01/2017:0911   |
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph. Eur. Methode EP01/2017:0910   |
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph. Eur. 9.8, monograph 01/2017:0806  |
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph.Eur.10.3 / 10.4, monograph 01/2017:0910, corrected 10.0  |
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph. Eur. 10.4 Monographie EP01/2017:0910, corrected 10.0  |
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph.Eur.10.5 Monographie EP01/2017:0911  |
| GMP Bioanalytics       | W        | 1.7     | AY-002889 | 10       | 11.03.2024 | Ph.Eur.10.5 Monographie EP01/2017:0614, corr. 10.3  |
| GMP Bioanalytics       | W        | 1.7     | AY-003676 | 2        | 30.08.2023 | according to Ph. Eur. 11.2 Monographie P01/2017:0930  |
| GMP Bioanalytics       | W        | 1.7     | AY-004022 | 2        | 22.03.2024 | Identitätskontrolle mittels Aminosäureanalyse   |
| GMP Bioanalytics       | W        | 1.7     | AY-004211 | 2        | 17.04.2024 | Assay on peptides in food supplement matrix by means of amino acid analyzer (ASA)   |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Verifizierung der Arzneibuchmethode zur Bestimmung von Ninhydrin-positiven Substanzen und Ammonium mittels Aminosäureanalyse in Glycin    |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. Methode 01/2018:0797   |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph.Eur.9.3 Monographie01/2018:0797  |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. Methode 01/2017:0998   |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 9.5, Monographie 01/2018:0797  |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 9.5 bzw. 9.6, Monographie EP01/2017:0910   |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 9.7, Monographie EP01/2018:1445  |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 9.8 Monographie EP 01/2017:0806  |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 9.8 Monographie EP01/2017:0752   |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 9.8 Monographie EP01/2017:0785   |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 10.6, monograph 01/2017:0805, corrected 10.0   |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur Methode 01/2017:0911  |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 11.2 Monographie EP01/2017:0930  |
| GMP Bioanalytics       | W        | 1.7     | EP        | -        | -          | Ph. Eur. 11.2 Monographie EP01/2017:0930  |
| GMP Bioanalytics       | W        | 1.7     | AY-005347 | 1        | 20.05.2025 | Optimierte Methode zur Bestimmung von Ninhydrin-positiven Substanzen und Ammonium mittels Aminosäureanalyse gemäß den Vorgaben der Ph Eur |
| GMP Chromatography     | W        | 1.7     | AY-002970 | 3        | 13.01.2023 | Limit test on an organic compound by means of Ion chromatography and Electrochemical Detection  |
| GMP Chromatography     | W        | 1.7     | USP       | -        | -          | USP Monographie „Zinc chloride“ bzw. Kapitel 591 „Zinc determination“   |
| GMP Chromatography     | W        | 1.7     | AY-004655 | 1        | 09.07.2024 | Identität und Gehalt von Zink in Zinkchlorid nach USP   |
| GMP Mass Spectrometry  | W        | 1.8     | AY-003455 | 1        | 31.03.2023 | Limit test targeting 1-Chloroethyl acetate  |
| GMP Mass Spectrometry  | W        | 1.8     | AY-003456 | 1        | 31.03.2023 | Limit test  |
| GMP Elemental Analysis | W        | 1.9     | AY-001794 | 2        | 25.07.2025 | Bestimmung von Fluorid in anorganischen Salzen mittels Ionenselektiver Elektrode  |
| GMP Elemental Analysis | W        | 1.9     | AY-001804 | 3        | 20.02.2024 | Bestimmung von Chlorid durch argentometrische Titration nach Lösen in Natronlauge   |
| GMP Elemental Analysis | W        | 1.9     | AY-001875 | 4        | 13.03.2024 | Coulometric Determination of Water  |