Certificate of Analysis

5.33002.0000 Formic acid 98% - 100% for LC-MS LiChropur®
Batch Z1052402

	Batch Values	
Assay (acidimetric)	99.3	%
Color	≤ 10	Hazen
Al (Aluminium)	≤ 5.0	ppb
Ca (Calcium)	≤ 10.0	ppb
Cu (Copper)	≤ 1.0	ppb
Fe (Iron)	≤ 5.0	ppb
K (Potassium)	≤ 5.0	ppb
Mg (Magnesium)	≤ 2.0	ppb
Na (Sodium)	≤ 5.0	ppb
NH_4 (Ammonium)	≤ 10	ppm
Residue on ignition (as sulfate)	≤ 2	ppm
Suitable for LC-MS Intensity of background mass peak based on reserpine (ESI positive)	≤ 2	ppb
Suitable for LC-MS Intensity of background mass peak based on reserpine (ESI negative)	≤ 20	ppb

2,5 % (v/v) acid/base in 50/50 (v/v) acetonitrile/water

Date of release (DD.MM.YYYY) 03.02.2026
Minimum shelf life (DD.MM.YYYY) 31.12.2028

Christian Herrmann
Responsible laboratory manager quality control

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