Certificate of Analysis

5.33001.0000 Acetic acid 100% for LC-MS LiChropur®
Batch Z0999001

	Batch Values	
Assay (acidimetric)	100.3	%
Color	≤ 5	Hazen
Al (Aluminium)	≤ 2.0	ppb
Ca (Calcium)	≤ 20.0	ppb
Cu (Copper)	≤ 1.0	ppb
Fe (Iron)	≤ 20.0	ppb
K (Potassium)	≤ 2.0	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 (APCI negative)	≤ 20	ppb

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

Date of release (DD.MM.YYYY) 11.07.2025
Minimum shelf life (DD.MM.YYYY) 29.02.2028

Christian Herrmann
Responsible laboratory manager quality control

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