



Certificate of Analysis

5.33002.0050 Formic acid 98% - 100% for LC-MS LiChropur®
Batch Z0831602

Batch Values

Assay (acidimetric)	99.8	%
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) 07.12.2022
Minimum shelf life (DD.MM.YYYY) 31.08.2025

Dr. Nina Hegmann

Responsible laboratory manager quality control

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