Certificate of Analysis

5.43804.0000 Formic acid 98 - 100% for HPLC LiChropur®
Batch Z1022804

	Spec. Values		Batch Values	
Assay (alkalimetric)	≥ 98.0	%	99.0	%
Identity	passes test		passes test	
Color	≤ 10	Hazen	≤ 10	Hazen
Evaporation residue	≤ 10	ppm	≤ 10	ppm
Al (Aluminium)	≤ 0.050	ppm	≤ 0.050	ppm
Ca (Calcium)	≤ 0.20	ppm	≤ 0.20	ppm
Cu (Copper)	≤ 0.020	ppm	≤ 0.020	ppm
Fe (Iron)	≤ 2.0	ppm	≤ 2.0	ppm
K (Potassium)	≤ 0.10	ppm	≤ 0.10	ppm
Mg (Magnesium)	≤ 0.50	ppm	≤ 0.50	ppm
Na (Sodium)	≤ 0.50	ppm	≤ 0.50	ppm
HPLC gradient suitability test (220, 254 & 280 nm)chromophoric impurities based on 4'-Hydroxyacetophenon	≤ 10	ppm	≤ 10	ppm
Chromophore purity	≥ 99.999	%	≥ 99.999	%

Date of release (DD.MM.YYYY) 16.10.2025
Minimum shelf life (DD.MM.YYYY) 30.09.2030

Christian Herrmann
Responsible laboratory manager quality control

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