



# Certificate of Analysis

5.43808.0000 Acetic acid 100% for HPLC LiChropur®  
Batch Z0822408

	Spec. Values		Batch Values	
Assay (alkalimetric)	≥ 99.8	%	100.3	%
Identity	passes test		passes test	
Color	≤ 10	Hazen	≤ 10	Hazen
Evaporation residue	≤ 5	ppm	≤ 5	ppm
Al (Aluminium)	≤ 0.020	ppm	≤ 0.020	ppm
Ca (Calcium)	≤ 0.10	ppm	≤ 0.10	ppm
Cu (Copper)	≤ 0.010	ppm	≤ 0.010	ppm
Fe (Iron)	≤ 0.050	ppm	≤ 0.050	ppm
K (Potassium)	≤ 0.10	ppm	≤ 0.10	ppm
Mg (Magnesium)	≤ 0.050	ppm	≤ 0.050	ppm
Na (Sodium)	≤ 0.20	ppm	≤ 0.20	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) 13.03.2023  
Minimum shelf life (DD.MM.YYYY) 31.08.2027

Dr. Nina Hegmann  
Responsible laboratory manager quality control

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