



Certificate of Analysis

1.04874.0000 Potassium hydrogen phthalate for analysis EMSURE® Reag. Ph Eur
Batch K56472274

	Spec. Values		Batch Values	
Assay (Perchloric acid titration from dried substance)	≥ 99.5	%	99.9	%
Identity (IR-spectrum)	passes test		passes test	
In water insoluble matter	≤ 0.005	%	≤ 0.005	%
Chloride (Cl)	≤ 0.002	%	≤ 0.002	%
Sulfur compounds (as SO ₄)	≤ 0.005	%	≤ 0.005	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
Cu (Copper)	≤ 0.0002	%	≤ 0.0002	%
Fe (Iron)	≤ 0.0005	%	≤ 0.0005	%
Na (Sodium)	≤ 0.01	%	≤ 0.01	%
Pb (Lead)	≤ 0.0005	%	≤ 0.0005	%
Loss on Drying (105 °C)	≤ 0.2	%	≤ 0.2	%

Corresponds to Reag. Ph Eur

Date of release (DD.MM.YYYY) 28.01.2025
Minimum shelf life (DD.MM.YYYY) 31.01.2030

Kristin Starke
Responsible laboratory manager quality control

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