Certificate of Analysis

1.04873.0000 Potassium dihydrogen phosphate for analysis EMSURE® ISO
Batch AM2159573

	Spec. Values		Batch Values	
Assay (alkalimetric, calculated on dried substance)	99.5 - 100.5	%	99.8	%
Assay (alkalimetric; dried substance)	≥ 99.5	%	99.7	%
pH-value (5 %; water)	4.2 - 4.5		4.2	
Chloride (Cl)	≤ 0.0005	%	≤ 0.0005	%
Sulfate (SO_4)	≤ 0.003	%	≤ 0.003	%
Total nitrogen (N)	≤ 0.001	%	≤ 0.001	%
Heavy metals (as Pb)	≤ 0.0010	%	≤ 0.0010	%
As (Arsenic)	≤ 0.0002	%	≤ 0.0002	%
Cu (Copper)	≤ 0.0003	%	≤ 0.0003	%
Fe (Iron)	≤ 0.0010	%	≤ 0.0010	%
Na (Sodium)	≤ 0.02	%	≤ 0.02	%
Pb (Lead)	≤ 0.001	%	≤ 0.001	%
Reducing substances	passes test		passes test	
Loss on drying (110 °C)	≤ 0.2	%	< 0.1	%
Loss on drying (130 °C)	≤ 0.2	%	< 0.1	%

Correspons to ISO

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Kristin Starke
Responsible laboratory manager quality control

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