



Specification

1.04854.0000 Potassium hydrogen carbonate for analysis EMSURE® ACS

Spec. Values		
Assay (acidimetric; dried substance)	99.7 - 100.5	%
Assay (acidimetric)	≥ 99.5	%
Insoluble matter	≤ 0.01	%
Chloride (Cl)	≤ 0.001	%
Phosphate (PO ₄)	≤ 0.0005	%
Phosphate and Silicate (as SiO ₂)	≤ 0.001	%
Sulfate (SO ₄)	≤ 0.001	%
Total sulfur (as sulfate)	≤ 0.003	%
Total nitrogen (N)	≤ 0.001	%
Heavy metals (as Pb)	≤ 0.0005	%
Al (Aluminium)	≤ 0.0005	%
Ca (Calcium)	≤ 0.0005	%
Fe (Iron)	≤ 0.0005	%
Mg (Magnesium)	≤ 0.001	%
Na (Sodium)	≤ 0.02	%
NH ₄ (Ammonium)	≤ 0.0005	%

Corresponds to ACS

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Responsible laboratory manager quality control

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