

Specification

Item number: 4397

Potassium nitrate

≥99 %, Ph. Eur., BP

CAS No.: 7757-79-1

print date: 01.01.2024

formula: KNO_3

density: 2,1

molecular weight: 101,11 g/mol

Guarantee analysis

Assay (acidim, dry substance)	≥99,0 %
Identity	complies
pH (5 % in H₂O)	4,5- 8,5
Appearance of solution	complies
In H₂O insoluble matter	≤0,025 %
Loss on drying (105 °C)	≤0,5 %
Residual solvents	complies
Acid or alkaline react. substances	complies
Reducible substances	complies
Chloride (Cl)	≤0,002 %
Phosphate (PO₄)	≤0,003 %
Sulphate (SO₄)	≤0,01 %
Ammonium (NH₄)	≤0,005 %
Arsenic (As)	≤0,0002 %
Calcium (Ca)	≤0,005 %
Iron (Fe)	≤0,001 %
Copper (Cu)	≤0,03 %
Magnesium (Mg)	≤0,005 %
Sodium (Na)	≤0,1 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

S. Lorsee

Head of Quality Management

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