

Technical Datasheet

Article No. 2445

Calcium nitrate tetrahydrate p. a., ACS
min. 99.0 % $\text{Ca}(\text{NO}_3)_2 \times 4 \text{H}_2\text{O}$

For laboratory use.

Parameter	Value
Appearance	colourless solid
Assay	min. 99.0 %
Density	1.82 g/cm ³
Mol.-Weight	236.15 g/mol
Melting Point	45 °C
Ammonium (NH ₄)	max. 0.005 %
Barium (Ba)	max. 0.005 %
Iron (Fe)	max. 0.0005 %
Potassium (K)	max. 0.005 %
Magnesium (Mg)	max. 0.01 %
Sodium (Na)	max. 0.01 %
Strontium (Sr)	max. 0.01 %
Heavy metals (as Pb)	max. 0.0005 %
Chloride (Cl)	max. 0.002 %
Phosphate (PO ₄)	max. 0.001 %
Sulfate (SO ₄)	max. 0.002 %
pH (5 %)	5.0–7.0
Insoluble matter	max. 0.005 %
Nitrite (NO ₂)	max. 0.001 %