

# Technical Datasheet

**Article No. 1309**

**Sodium nitrate p. a., ACS, Ph. Eur., ISO (min. 99.5 %)**

**NaNO<sub>3</sub>**

For laboratory use.

Parameter	Value
Appearance	White crystals
Density (20 °C)	2.26 g/cm <sup>3</sup>
Molar mass	84.99 g/mol
CAS-No.	7631-99-4
Insoluble matter	max. 0.005 %
Chloride (Cl)	max. 0.0005 %
Iodate (IO <sub>3</sub> )	max. 0.0005 %
Sulphate (SO <sub>4</sub> )	max. 0.003 %
Heavy metals (as Pb)	max. 0.0005 %
Calcium (Ca)	max. 0.002 %
Iron (Fe)	max. 0.0002 %
Magnesium (Mg)	max. 0.001 %
pH (5 %, 25 °C)	5.5 – 8.3
Phosphate (PO <sub>4</sub> )	max. 0.0002 %
Nitrite (NO <sub>2</sub> )	max. 0.001 %
Ammonium (NH <sub>4</sub> )	max. 0.002 %
Cadmium (Cd)	max. 0.0005 %
Copper (Cu)	max. 0.0005 %
Potassium (K)	max. 0.005 %
Lead (Pb)	max. 0.0005 %
Zinc (Zn)	max. 0.0005 %