

Technical Datasheet

Art.-No.: 2668

Ammonium chloride p. a., ACS, ISO, Ph. Eur. (min. 99.8 %)
(NH₄)Cl

For laboratory use.

Parameter	Value
Appearance	Colourless powder
Molar mass	53.49 g/mol
Density (20 °C)	1.53 g/ml
Melting point	335 °C
CAS-No.	12125-02-9
Arsenic (As)	max. 0.00005 %
Calcium (Ca)	max. 0.0005 %
Copper (Cu)	max. 0.0002 %
Iron (Fe)	max. 0.0002 %
Potassium (K)	max. 0.005 %
Magnesium (Mg)	max. 0.0005 %
Sodium (Na)	max. 0.005 %
Nickel (Ni)	max. 0.0001 %
Lead (Pb)	max. 0.0001 %
Zinc (Zn)	max. 0.0002 %
Nitrate (NO ₃)	max. 0.0005 %
Phosphate (PO ₄)	max. 0.0002 %
Sulphate (SO ₄)	max. 0.002 %
pH (5 %, 25 °C)	4.5 – 5.5
Residue on ignition (650 °C)	max. 0.01 %
Insoluble matter	max. 0.005 %
Heavy metals (as Pb)	max. 0.0005 %