

Technical Datasheet

Article No. 2616

Ammonium sulfate p. a., ACS, ISO, Ph. Eur.
min. 99.0 % (NH₄)₂SO₄

For laboratory use.

Parameter	Value
Appearance	colourless solid
Density	1.77 g/cm ³
Mol.-Weight	132.14 g/mol
Melting point	280 °C
Insoluble matter	max. 0.001 %
Chloride (Cl)	max. 0.003 %
Nitrate (NO ₃)	max. 0.001 %
Phosphate (PO ₄)	max. 0.0005 %
Heavy metals (as Pb)	max. 0.0005 %
Arsenic (As)	max. 0.00002 %
Calcium (Ca)	max. 0.001 %
Cadmium (Cd)	max. 0.0001 %
Copper (Cu)	max. 0.0002 %
Iron (Fe)	max. 0.0002 %
Magnesium (Mg)	max. 0.0005 %
Lead (Pb)	max. 0.0002 %
Zinc (Zn)	max. 0.0001 %
Residue on ignition	max. 0.005 %
Water (KF)	max. 0.1 %
Sulfated ash	max. 0.01 %
pH (5 %, 25 °C)	4.8–6.0