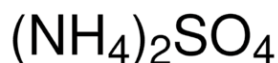


Product Specification

Product Name:

Ammonium sulfate PurSure, ACS, ISO, Reag. Ph Eur, ≥99.5%

Product No.: PSR49905
Brand: PureSynth
CAS No.: 7783-20-2
Molecular Formula: $\text{N}_2\text{H}_8\text{SO}_4$
Molecular Weight: 132.14 g/mol



Test	Specification
Appearance	Colorless or White Powder or Crystals
Assay (By Titration)	≥ 99.5 %
pH (5 %, 25 °C)	5.0 - 6.0
Loss on drying (105°C)	NMT 0.1 %
Residue on ignition	NMT 0.005 %
Insoluble Matter	NMT 0.001 %
Aluminium (Al)	NMT 0.000075 %
Arsenic (As)	NMT 0.00002 %
Calcium (Ca)	NMT 0.001 %
Cadmium (Cd)	NMT 0.0001 %
Chloride (Cl)	NMT 0.0003 %
Chromium (Cr)	NMT 0.000075 %
Copper (Cu)	NMT 0.0002 %
Iron (Fe)	NMT 0.0002 %
Lead (Pb)	NMT 0.0002 %
Magnesium (Mg)	NMT 0.0005 %
Nitrate (NO_3)	NMT 0.001 %
Phosphate (PO_4)	NMT 0.0005 %
Zinc (Zn)	NMT 0.0001 %
Heavy metals (As Pb)	NMT 0.0005 %
Identification by IR	Conforms to structure

Specification No.: PS-1.0-QA/017

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com