

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

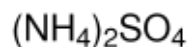
Product Name:

Ammonium sulfate - ACS reagent, ≥99.0%

**Product Number:****A4915**

CAS Number:

7783-20-2



MDL:

MFCD00003391

Formula:

H8N2O4S

Formula Weight:

132.14 g/mol

**TEST****Specification**

Appearance (Color)	Colorless or White
Appearance (Form)	Powder or Crystals
Insoluble matter	≤ 0.005 %
Residue on ignition (Ash)	≤ 0.005 %
pH (5% solution at 25 deg C)	5.0 - 6.0
Nitrate (NO <sub>3</sub> )	< = 0.001%
Iron (Fe)	≤ 5 ppm
Chloride (Cl)	< = 5 ppm
Phosphate (PO <sub>4</sub> )	≤ 5 ppm
Assay	≥ 99.0 %
Heavy Metals by ICP-OES	< = 5 ppm
Recommended Retest Period 5 years	-----

Specification: PRD.4.ZQ5.10000036453

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.