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Product Specification

Product Name:

Ammonium thiocyanate - ACS reagent, ≥97.5%

Product Number:**221988**

CAS Number:

1762-95-4

MDL:

MFCD00011428

Formula:

CH₄N₂S

Formula Weight:

76.12 g/mol



TEST	Specification
Appearance (Color)	Colorless or White
Appearance (Form)	Crystals
X-Ray Diffraction	Conforms to Structure
Titration by AgNO ₃	≥ 97.5 %
Residue on ignition (Ash)	≤ 0.025 %
Insoluble matter	≤ 0.005 %
Chloride Content	≤ 0.005 %
Iron (Fe)	≤ 3 ppm
Heavy Metals (by ICP-OES)	≤ 5 ppm
Miscellaneous Assay mEQ/g, Iodine Consuming Substances	≤ 0.004
pH @ 25 Deg C (C= 5%, H ₂ O)	4.5 - 6.0
Sulfate (SO ₄)	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.0.ZQ5.10000100949

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. 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.