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Product Specifications

NH₄SCN

Catalogue Number 30076
Product **Ammonium thiocyanate**

Ammonium rhodanide

Ammonium sulfocyanate

CAS Number 1762-95-4

Molecular Formula NH₄SCN

Molecular Weight 76.12

Appearance White crystals

Solubility 165 g in 100 mL at 20 °C in water

Melting Point 149 °C (Approx.)

Heavy Metals ≤ 5 ppm (as Pb)

Anion Chloride (Cl⁻): ≤ 0.005%
Sulfate (SO₄²⁻): ≤ 0.005%

Cation Iron (Fe): ≤ 3 ppm

pH 4.5-6.0 (5% solution at 25.0 °C)

Insoluble material ≤ 0.005%

Assay by titration ≥ 97.5%

Grade ACS reagent

Application Used as a determination of iron, mercury, and silver.

Storage Store at RT

Additional Information Iodine-consuming substances: ≤ 0.004 meq/g
Residue after igniton: ≤ 0.025%

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For Laboratory Use Only