

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 30076
Lot Number 002251-06814
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 5.28 (5% solution at 25.0 °C)

Insoluble material 0.003%

Assay by titration 98.2%

Grade ACS reagent

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

Storage Store at RT

Additional Information Iodine-consuming substances: 0.002 meq/g

Residue after ignition: 0.023%

Identification: Passes test

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager