

# *Chem-Impex International, Inc.*

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## *Product Specifications*

# NH<sub>4</sub>SCN

<b>Catalogue Number</b>	01217
<b>Product</b>	<b>Ammonium thiocyanate</b>  Ammonium rhodanide  Ammonium sulfocyanate
<b>CAS Number</b>	1762-95-4
<b>Molecular Formula</b>	NH <sub>4</sub> SCN
<b>Molecular Weight</b>	76.12

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<b>Appearance</b>	White solid with chunks
<b>Heavy Metals</b>	≤ 0.001% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 0.01% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): ≤ 0.01%
<b>Cation</b>	Iron (Fe): ≤ 0.0002%
<b>Water Content (Karl Fisher)</b>	≤ 1.8%
<b>pH</b>	4.5-6.0 (5% solution at 25.0 °C)
<b>Residue On Ignition</b>	≤ 0.06%
<b>Assay by titration</b>	≥ 99% (anhydrous basis)
<b>Application</b>	Used as a determination of iron, mercury, and silver.
<b>Storage</b>	Store at RT

**For Laboratory Use Only**