

Certificate of Analysis

Date of Testing: 2025-09-08 13:19:59

Date of Next Testing: 2029-09-07 13:19:59

Product Name: **Ammonium thiocyanate**

CAS Number: 1762-95-4

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: H2529143

SKU #: **A112659**

Version: **3**

Analysis #: **542405**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
PH	4.5-6	4.76
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Heavy metals	0-5 (ppm)	1.00 ppm
Iron(Fe)	0-3 (ppm)	0.00 ppm
Chloride (Cl-)	0-0.005 (%)	0.00 %
total metallic impurities(by ICP Atomic emission)	0-200 (ppm)	100.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Ignition Residue	0-0.025 (%)	0.03 %
Appearance (A112659)	colorless to white crystal solid	colorless to white crystal solid
ICP:Confirms Sulfur Component	Confirmed	Confirmed
Solubility in H2O , Colorless Clear 20g plus 150 ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager