

Certificate of Analysis

Date of Testing: 2023-01-31 15:44:34

Date of Next Testing: 2027-01-30 15:44:34

Product Name: **Ammonium thiocyanate**

CAS Number: 1762-95-4

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

Lot #: A2329167

SKU #: **A112659**

Version: **3**

Analysis #: **106703**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH	4.5-6	5.08
total metallic impurities(by ICP Atomic emission)	0-200 (ppm)	42.00 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Heavy metals	0-5 (ppm)	0.03 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Iron(Fe)	0-3 (ppm)	0.00 ppm
Ignition Residue	0-0.025 (%)	0.01 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
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