

## Certificate of Analysis

Date of Testing: 2023-01-31 15:27:56  
Date of Next Testing: 2027-01-30 15:27:56  
Product Name: **Ammonium thiocyanate**  
CAS Number: 1762-95-4  
Specifications & Purity: ACS  
Lot #: A2329164  
SKU #: **A112658**  
Analysis: **181527**

Parameter	Limit Values	Result
Insoluble matter	0-0.005 (%)	0.00 %
Ignition Residue	0-0.025 (%)	0.01 %
PH at 25°C(5% in water)	4.5-6	5.08
Chloride (Cl-)	0-0.005 (%)	0.00 %
Purity(Titration by AgNO3)	97.5-102.5 (%)	100.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.03 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Iron(Fe)	0-3 (ppm)	0.00 ppm
Iodine-consuming substances	0-0.004 (mg/g)	0.00 mg/g
Appearance (A112658)	colorless to white crystal solid	colorless to white crystal solid
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager