

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-28 08:40:53  
Date of Next Testing: 2027-05-28 08:40:53  
Product Name: **Ammonium thiocyanate**  
CAS Number: 1762-95-4  
Specifications & Purity: Premium-Grade Reagents ,for Analysis, ACS,ISO,Reag. Ph Eur  
Lot #: E2422385  
SKU #: **A485837**  
Version: **1**  
Analysis #: **184820**  
Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Assay(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	100.84 %
PH at 25°C(5% in water)	4.8-5.8	4.91
Insoluble matter	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0004 (%)	0.00 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Lead(Pb)	0-0.0004 (%)	0.00 %
Iodine-consuming substances	0-0.02(%)	0.01 %
Ignition Residue	0-0.025 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.005 (%)	0.01 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.0025 (%)	0.00 %
sulfide (S <sup>2-</sup> )	0-0.001 (%)	0.00 %
Appearance(A485837)	White to Almost white powder to crystal	White to Almost white powder to crystal
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager