

Certificate of Analysis

Product Name:	Ammonium thiocyanate
Product Number:	A70554
Lot Number:	C22PA26410A
CAS:	1762-95-4
Formula:	CH ₄ N ₂ S
Molecular Weight:	76.12
Storage at:	室温
Quality Release Date:	2022-02-15
Recommended retested date:	2027-02-14

Test	Specification	Result
Appearance	White crystal Solid	White crystal Solid
Solubility(20g/150mL in H ₂ O)	Colorless Clear	Colorless Clear
pH	4.5 - 6.0	5.0
Total metallic impurities(by ICP Atomic emission)	≤200ppm	<200ppm
Sulfate	≤0.005%	<0.005%
Heavy metals	≤5ppm	<5ppm
Iron(Fe)	≤3ppm	<3ppm
Ignition Residue	≤0.025%	<0.025%
Chloride	≤0.005%	<0.005%
Purity(Based on Trace Metals Impurities of ICP)	≥99.99%	99.99%
ICP:Confirms Sulfur Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms



