

Certificate of Analysis

Date of Testing: 2022-12-10 16:47:12

Date of Next Testing: 2026-12-09 16:47:12

Product Name: **Potassium thiocyanate**

CAS Number: 333-20-0

Specifications & Purity: Guaranteed Reagent, 99%

Lot #: L2202394

SKU #: **P112197**

Analysis: **126412**

Storage Temperature: Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Iron(Fe)	0-50 (ppm)	12.50 ppm
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00 %
Chloride (Cl ⁻)	0-0.003 (%)	0.00 %
PH(5% in water, 25°C)	5.3-8.5	6.37
Insoluble matter in H ₂ O	0-0.003 (%)	0.00 %
Copper(Cu)	0-0.0002 (%)	0.00 %
Lead(Pb)	0-0.0002 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.00 %
sulfide (S ²⁻)	0-0.001 (%)	0.00 %
Substances reducing iodine	0-0.02 (%)	0.02 %
Ammonia (NH ₄)	0-0.001 (%)	0.00 %
Assay(Titration by AgNO ₃)	98.5-101.5 (%)	100.63 %
Appearance(P112197)	Colorless to White Crystalline Powder or Crystals	Colorless to White Crystalline Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager