

Certificate of Analysis

Date of Testing: 2024-03-12 15:56:00

Date of Next Testing: 2028-03-11 15:56:00

Product Name: **Sodium thiocyanate**

CAS Number: 540-72-7

Specifications & Purity: $\geq 99.99\%$ metals basis

Lot #: E2022114

SKU #: **S111729**

Analysis: **329394**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Purity(Titration by AgNO ₃)	98-102 (%)	98.58 %
Iron(Fe)	0-2 (ppm)	0.00 ppm
Carbonate(CO ₃)	0-0.2 (%)	0.20 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Insoluble matter(c = 13.33%, H ₂ O)	0-0.005 (%)	0.00 %
Chloride Content	0-0.01 (%)	0.01 %
Ammonia (NH ₄)	0-0.002 (%)	0.00 %
Trace Metal Analysis	0-100 (ppm)	98.00 ppm
Appearance (S111729)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP:Confirms Na and S Component	Confirmed	Confirmed
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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager