

Certificate of Analysis

Date of Testing: 2025-04-09 14:15:05

Date of Next Testing: 2029-04-08 14:15:05

Product Name: **Sodium nitrite**

CAS Number: 7632-00-0

Specifications & Purity: AR, ≥99%

Lot #: D2507796

SKU #: **S111972**

Version: **5**

Analysis #: **495991**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.002 (%)	0.00000 %
Potassium(K)	0-0.001 (%)	0.00020 %
Chloride (Cl ⁻)	0-0.005 (%)	0.00500 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0002 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00500 %
Assay	99-100 (%)	99.47000 %
Appearance (S111972)	White to Off-White to Light Yellow Powder or Crystals	White to Off-White to Light yellow Powder or Crystals
Clarity of solution	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager