

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-27 14:52:38
 Date of Next Testing: 2026-11-27 14:52:38
 Product Name: **Potassium nitrite**
 CAS Number: 7758-09-0
 Specifications & Purity: $\geq 95\%$
 Lot #: K2421629
 SKU #: **P666062**
 Version: **2**
 Analysis #: **441197**
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Sodium(Na)	0-5 (%)	4.14000 %
Purity(Titration by KMNO ₄)	95-105 (%)	98.10000 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.01 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Chloride(Cl ⁻)	0-0.02 (%)	0.00320 %
Iron(Fe)	0-0.0004 (%)	0.00000 %
ICP:Confirms Potassium Component	Confirmed	Confirmed
Appearance(P666062)	white to yellow powder, crystals, and/or chunks	white to yellow powder, crystals, and/or chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager