

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-23 08:52:16  
Date of Next Testing: 2026-04-23 08:52:16  
Product Name: **Potassium nitrite**  
CAS Number: 7758-09-0  
Specifications & Purity: 95%  
Lot #: D2416541  
SKU #: **P666062**  
**Analysis:** **349143**  
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Sodium(Na)	0-0.2 (%)	0.03 %
Purity(Titration by KMNO4)	95-105 (%)	95.61 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.01 (%)	0.01 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.02 (%)	0.02 %
Iron(Fe)	0-0.0004 (%)	0.00 %
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