

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-24 13:32:10  
Date of Next Testing: 2025-08-23 13:32:10  
Product Name: **Potassium nitrite**  
CAS Number: 7758-09-0  
Specifications & Purity: Analytical Reagent,97%  
Lot #: H2322612  
SKU #: **P100084**  
**Analysis:** **262037**  
Storage Temperature: Protected from light,Desiccated

Parameter	Limit Values	Result
Calcium(Ca)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0002 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Chloride (Cl-)	0-0.05 (%)	0.02 %
Insoluble matter in H2O	0-0.02 (%)	0.01 %
Sodium(Na)	0-0.05 (%)	0.00 %
Purity(Titration by KMNO4)	96.5-103.5 (%)	98.20 %
Clarity of solution	pass	Pass
ICP:Confirms Potassium Component	Confirmed	Confirmed
Appearance (P100084)	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