

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-13 11:46:10  
Date of Next Testing: 2029-05-12 11:46:10  
Product Name: **Potassium nitrite**  
CAS Number: 7758-09-0  
Specifications & Purity: ACS  
Lot #: D2527347  
SKU #: **P100086**  
Version: **0**  
Analysis #: **496043**  
Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Purity(Titration by KMNO4)	95.5-104.5 (%)	97.29000 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Magnesium(Mg)	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.5 (%)	0.00360 %
Chloride (Cl-)	0-0.03 (%)	0.00000 %
Appearance (P100086)	white to yellow crystals, powder, crystalline powder	white to yellow crystals, powder, crystalline powder
ICP: Confirms Potassium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager