

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 10:24:41
 Date of Next Testing: 2029-10-14 10:24:41
 Product Name: **Potassium nitrite**
 CAS Number: 7758-09-0
 Specifications & Purity: ACS
 Lot #: J2509704
 SKU #: **P100086**
 Version: **0**
 Analysis #: **581236**
 Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Purity(Titration by KMNO ₄)	95.5-104.5 (%)	96.02000 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.03 (%)	0.00340 %
Magnesium(Mg)	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.5 (%)	0.02790 %
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