

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-20 08:48:21
Date of Next Testing: 2030-05-19 08:48:21
Product Name: **Potassium nitrite**
CAS Number: 7758-09-0
Specifications & Purity: ACS
Lot #: E2613137
SKU #: **P100086**
Version: **0**
Analysis #: **696546**
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 (%) | 96.92000 % |
| Calcium(Ca) | 0-0.005 (%) | 0.00270 % |
| Chloride (Cl-) | 0-0.03 (%) | 0.00260 % |
| Magnesium(Mg) | 0-0.002 (%) | 0.00000 % |
| Heavy metal (as Pb) | 0-0.001 (%) | 0.00000 % |
| Sodium(Na) | 0-0.5 (%) | 0.01530 % |
| 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