

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-13 10:21:56

Date of Next Testing: 2024-06-12 10:21:56

Product Name: **Potassium nitrite**

CAS Number: 7758-09-0

Specifications & Purity: Analytical Reagent,97%

Lot #: F2209191

SKU #: **P100084**

Analysis: **082302**

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 (%)	0.03 %
Purity(Titration by KMNO4)	96.5-103.5 (%)	98.20 %
Appearance (P100084)	white to yellow powder, crystals, and/or chunks	white to yellow powder, crystals, and/or chunks
Clarity of solution	pass	Pass
ICP:Confirms Potassium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager