

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-03-15 15:58:25
Date of Next Testing:	2026-03-15 15:58:25
Product Name:	Potassium nitrite
CAS Number:	7758-09-0
Specifications & Purity:	Analytical Reagent,97%
Lot #:	C2413242
SKU #	P100084
Version	0
Analysis #:	326993
Storage Temperature:	Protected from light,Argon charged,Desiccated

Parameter	Limit Values	Result
Iron(Fe)	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.05 (%)	0.02 %
Insoluble matter in H2O	0-0.02 (%)	0.01 %
Calcium(Ca)	0-0.005 (%)	0.01 %
Heavy metal (as Pb)	0-0.0002 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Sodium(Na)	0-0.05 (%)	0.04 %
Purity(Titration by KMNO4)	96.5-103.5 (%)	98.10 %
ICP:Confirms Potassium Component	Confirmed	Confirmed
Appearance (P100084)	white to yellow powder, crystals, and/or chunks	white to yellow powder, crystals, and/or chunks
Clarity of solution	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager