

Certificate of Analysis

Date of Testing: 2023-04-21 10:00:56

Date of Next Testing: 2027-04-20 10:00:56

Product Name: **Potassium nitrite**

CAS Number: 7758-09-0

Specifications & Purity: ACS

Lot #: D2312506

SKU #: **P100086**

Analysis: **206813**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Purity(Titration by KMNO ₄)	95.5-104.5 (%)	98.73 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.03 (%)	0.01 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.5 (%)	0.00 %
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