

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-09 11:09:34  
Date of Next Testing: 2027-11-09 11:09:34  
Product Name: **Potassium sulfate**  
CAS Number: 7778-80-5  
Specifications & Purity: Premium pure, Suitable for Analysis, ACS, Ph.Eur.  
Lot #: J2431561  
SKU #: **P434018**  
Version: **1**  
Analysis #: **406872**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration by NaOH)	99-102.5 (%)	99.75 %
Insoluble matter	0-0.01 (%)	0.00 %
PH (5%, water) 25 ° C	5.5-7.5	6.89
Chloride	0-0.0005 (%)	0.00 %
Total nitrogen(N)	0-0.0005 (%)	0.00030 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Arsenic(As)	0-0.0002 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
ICP: Confirms K and S Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager