

Certificate of Analysis

Date of Testing: 2024-11-09 11:05:17
Date of Next Testing: 2027-11-09 11:05:17
Product Name: **Potassium sulfate**
CAS Number: 7778-80-5
Specifications & Purity: Premium pure, Suitable for Analysis, ACS, Ph.Eur.
Lot #: J2431560
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