

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-23 10:02:40

Date of Next Testing: 2028-08-22 10:02:40

Product Name: **Potassium sulfate**

CAS Number: 7778-80-5

Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure

Lot #: H2515083

SKU #: **P434018**

Version: **1**

Analysis #: **406872**

Storage Temperature: Room temperature

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Assay(Titration by NaOH)         | 99-102.5 (%)          | 99.75000 %            |
| Insoluble matter                 | 0-0.01 (%)            | 0.00000 %             |
| PH (5%, water) 25 ° C            | 5.5-7.5               | 6.89000               |
| Chloride                         | 0-0.0005 (%)          | 0.00000 %             |
| Total nitrogen(N)                | 0-0.0005 (%)          | 0.00030 %             |
| Heavy metal (as Pb)              | 0-0.0005 (%)          | 0.00000 %             |
| Arsenic(As)                      | 0-0.0002 (%)          | 0.00000 %             |
| Calcium(Ca)                      | 0-0.005 (%)           | 0.00000 %             |
| Iron(Fe)                         | 0-0.0005 (%)          | 0.00000 %             |
| Magnesium(Mg)                    | 0-0.002 (%)           | 0.00000 %             |
| Sodium(Na)                       | 0-0.02 (%)            | 0.01300 %             |
| ICP: Confirms K and S Components | Confirmed             | Confirmed             |
| X-Ray Diffraction                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager