

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-10 11:01:54  
 Date of Next Testing: 2029-01-09 11:01:54  
 Product Name: **Potassium disulfite**  
 CAS Number: 16731-55-8  
 Specifications & Purity: UltraBio™, ≥97%  
 Lot #: A2608083  
 SKU #: **P755621**  
 Version: **1**  
 Analysis #: **638750**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                              | Limit Values                          | Result                                |
|----------------------------------------|---------------------------------------|---------------------------------------|
| Assay                                  | 96.5-103.5 (%)                        | 96.80000 %                            |
| Aluminium(Al)                          | 0-5 (ppm)                             | 0.00000 ppm                           |
| Barium(Ba)                             | 0-5 (ppm)                             | 0.00000 ppm                           |
| Bismuth(Bi)                            | 0-5 (ppm)                             | 0.00000 ppm                           |
| Calcium(Ca)                            | 0-10 (ppm)                            | 0.00000 ppm                           |
| Cadmium(Cd)                            | 0-5 (ppm)                             | 0.00000 ppm                           |
| Cobalt(Co)                             | 0-5 (ppm)                             | 0.00000 ppm                           |
| Chromium(Cr)                           | 0-5 (ppm)                             | 0.00000 ppm                           |
| Copper(Cu)                             | 0-5 (ppm)                             | 0.00000 ppm                           |
| Iron(Fe)                               | 0-5 (ppm)                             | 0.00000 ppm                           |
| Lithium(Li)                            | 0-5 (ppm)                             | 0.00000 ppm                           |
| Magnesium(Mg)                          | 0-5 (ppm)                             | 0.00000 ppm                           |
| Manganese(Mn)                          | 0-5 (ppm)                             | 0.00000 ppm                           |
| Molybdenum(Mo)                         | 0-5 (ppm)                             | 0.00000 ppm                           |
| Sodium(Na)                             | 0-1000 (ppm)                          | 600.00000 ppm                         |
| Nickel(Ni)                             | 0-5 (ppm)                             | 0.00000 ppm                           |
| Lead(Pb)                               | 0-5 (ppm)                             | 0.00000 ppm                           |
| Strontium(Sr)                          | 0-5 (ppm)                             | 0.00000 ppm                           |
| Zinc(Zn)                               | 0-5 (ppm)                             | 0.00000 ppm                           |
| Arsenic traces(MHS-AAS)                | 0-0.1 (ppm)                           | 0.00250 ppm                           |
| Chloride (Cl-)                         | 0-50 (ppm)                            | 10.00000 ppm                          |
| PH ( 0.1M in Water at 25°C )           | 2.5-4.5                               | 3.06980                               |
| cut-off                                | 0-308 (nm)                            | 189.00000 nm                          |
| Appearance(P755621)                    | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| Solubility:0.1M in H2O,Clear,Colorless | Pass                                  | Pass                                  |



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**Parameter**

**Limit Values**

**Result**

Residue (filter test)

no residue

no residue

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager