

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-23 14:03:14
Date of Next Testing: 2028-04-22 14:03:14
Product Name: **Sodium sulfafate decahydrate**
CAS Number: 7727-73-3
Specifications & Purity: Guaranteed Reagent, ≥99.0%
Lot #: D2422426
SKU #: **S110748**
Analysis: **335862**

| Parameter | Limit Values | Result |
|--------------------------------------|--|--|
| Loss on drying | 54-58 (%) | 55.86 % |
| Chloride (Cl-) | 0-0.0005 (%) | 0.00 % |
| Calcium(Ca) | 0-0.0005 (µg/mg) | 0.00 µg/mg |
| (NO ₃)Nitrate | 0-0.001 (%) | 0.00 % |
| (As)Arsenic | 0-50 (%) | 47.80 % |
| Heavy metals | 0-0.0003 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.0005 (%) | 0.00 % |
| Iron(Fe) | 0-0.0001 (ppm) | 0.00 ppm |
| Phosphate(PO ₄) | 0-0.0005 (%) | 0.00 % |
| Insoluble matter in H ₂ O | 0-0.002 (%) | 0.00 % |
| PH | 5-8 | 6.88 |
| Purity(T) | 99-100 (%) | 100.00 % |
| Ammonia (NH ₄) | 0-0.0002 (%) | 0.00 % |
| Appearance (S110748) | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager