

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-14 17:51:44

Date of Next Testing: 2029-02-13 17:51:44

Product Name: **Ammonium persulfate(APS)**

CAS Number: 7727-54-0

Specifications & Purity: for electrophoresis, ≥98%

Lot #: B2505107

SKU #: **A112450**

Version: **0**

**Analysis #:** **428837**

Storage Temperature: Protected from light, Room temperature

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Heavy metal (as Pb)                                             | 0-50 (ppm)            | 0.00000 ppm           |
| Purity(Titration by KMNO4)                                      | 98-100 (%)            | 99.26000 %            |
| Iron(Fe)                                                        | 0-10 (ppm)            | 0.00000 ppm           |
| Chloride (Cl-)                                                  | 0-10 (ppm)            | 0.00000 ppm           |
| Appearance (A112450)                                            | White powder          | White powder          |
| DNase, RNase and Protease                                       | None Detected         | none detected         |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |
| Solubility in H2O , Colorless transparent , c = 100mg/ml; Water | pass                  | Pass                  |
| Suitability, Acrylamide polymerization                          | Pass                  | Pass                  |



John Su  
QA & QC Manager