

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-07 14:45:06
Date of Next Testing: 2027-12-06 14:45:06
Product Name: **Ammonium persulfate**
CAS Number: 7727-54-0
Specifications & Purity: for electrophoresis
Lot #: L2301044
SKU #: **A112450**
Analysis: **292612**
Storage Temperature: Protected from light

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Heavy metal (as Pb) | 0-50 (ppm) | 12.60 ppm |
| Purity(Titration by KMNO4) | 98-100 (%) | 98.36 % |
| Iron(Fe) | 0-10 (ppm) | 2.04 ppm |
| Chloride (Cl-) | 0-10 (ppm) | 1.31 ppm |
| Appearance (A112450) | White powder | White powder |
| DNase, RNase and Protease | None Detected | none detected |
| Solubility in H2O , Colorless transparent , c = 100mg/ml; Water | pass | Pass |
| Suitability,Acrylamide polymerization | Pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager