

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-28 09:52:33  
Date of Next Testing: 2029-02-27 09:52:33  
Product Name: **Ammonium persulfate(APS)**  
CAS Number: 7727-54-0  
Specifications & Purity: for electrophoresis, ≥98%  
Lot #: B2525173  
SKU #: **A112450**  
Version: **0**  
Analysis #: **476582**  
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 (%)	99.52000 %
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