

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-11 11:35:25
 Date of Next Testing: 2029-12-10 11:35:25
 Product Name: **Ammonium persulfate(APS)**
 CAS Number: 7727-54-0
 Specifications & Purity: for electrophoresis, ≥98%
 Lot #: L2509447
 SKU #: **A112450**
 Version: **0**
 Analysis #: **623645**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-50 (ppm)	0.00000 ppm
Purity(Titration by KMNO ₄)	98-100 (%)	98.70000 %
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 H ₂ O , Colorless transparent , c = 100mg/ml; Water	pass	Pass
Suitability, Acrylamide polymerization	Pass	Pass



John Su
QA & QC Manager