

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-11 10:25:53

Date of Next Testing: 2027-07-01 10:25:53

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

CAS Number: 7727-54-0

Specifications & Purity: Suitable for molecular biology, ≥98%

Lot #: G2502135

SKU #: **A112451**

Version: **2**

Analysis #: **518363**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-10 (ppm)	0.00000 ppm
Iron(Fe)	0-10 (ppm)	0.00000 ppm
Purity(Titration by KMNO ₄)	98-100 (%)	98.24000 %
Heavy metal (as Pb)	0-50 (ppm)	0.00000 ppm
Appearance (A112451)	white powder	White powder
Solubility in H ₂ O , 20g/200 ml, H ₂ O Clear	pass	Pass
DNase, RNase and Protease	None Detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Suitability: Suitable as a Catalyst of Acrylamide Polymerization	Pass	Pass



John Su
QA & QC Manager