

Certificate of Analysis

Date of Testing: 2025-02-24 09:21:53

Date of Next Testing: 2029-02-23 09:21:53

Product Name: **Ammonium persulfate**

CAS Number: 7727-54-0

Specifications & Purity: for electrophoresis, ≥98%

Lot #: B2521670

SKU #: **A112450**

Version: **0**

Analysis #: **476582**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-50 (ppm)	0.00 ppm
Purity(Titration by KMNO ₄)	98-100 (%)	99.52 %
Iron(Fe)	0-10 (ppm)	0.00 ppm
Chloride (Cl ⁻)	0-10 (ppm)	0.00 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