

## Certificate of Analysis

Date of Testing: 2024-05-30 15:42:19  
Date of Next Testing: 2028-05-29 15:42:19  
Product Name: **Ammonium persulfate**  
CAS Number: 7727-54-0  
Specifications & Purity: for electrophoresis  
Lot #: E2416120  
SKU #: **A112450**  
Version: **0**  
Analysis #: **353793**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-50 (ppm)	2.23 ppm
Iron(Fe)	0-10 (ppm)	0.00 ppm
Chloride (Cl-)	0-10 (ppm)	0.00 ppm
Purity(Titration by KMNO4)	98-100 (%)	99.34%
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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Suitability,Acrylamide polymerization	Pass	Pass



John Su  
QA & QC Manager