

## Certificate of Analysis

Date of Testing: 2022-07-07 15:19:45  
Date of Next Testing: 2026-07-06 15:19:45  
Product Name: **Ammonium persulfate**  
CAS Number: 7727-54-0  
Specifications & Purity: for electrophoresis  
Lot #: G2204085  
SKU #: **A112450**  
**Analysis:** **100445**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-50 (ppm)	23.80 ppm
Iron(Fe)	0-10 (ppm)	5.30 ppm
Chloride (Cl-)	0-10 (ppm)	6.20 ppm
Purity(Titration by KMNO4)	98-100 (%)	99.28 %
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