

Certificate of Analysis

Date of Testing: 2023-12-07 15:38:10
Date of Next Testing: 2027-12-06 15:38:10
Product Name: **Ammonium persulfate**
CAS Number: 7727-54-0
Specifications & Purity: for electrophoresis
Lot #: L2301041
SKU #: **A112450**
Analysis: **292612**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-50 (ppm)	12.60 ppm
Purity(Titration by KMNO4)	98-100 (%)	98.36 %
Iron(Fe)	0-10 (ppm)	2.04 ppm
Chloride (Cl-)	0-10 (ppm)	1.31 ppm
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
Suitability,Acrylamide polymerization	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager