

Certificate of Analysis

Date of Testing: 2025-01-09 09:05:42

Date of Next Testing: 2026-12-30 09:05:42

Product Name: **Ammonium persulfate**

CAS Number: 7727-54-0

Specifications & Purity: for molecular biology, $\geq 98\%$

Lot #: A2506548

SKU #: **A112451**

Version: **2**

Analysis #: **424383**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-10 (ppm)	0.00 ppm
Iron(Fe)	0-10 (ppm)	0.00 ppm
Purity(Titration by KMNO ₄)	98-100 (%)	99.26 %
Heavy metal (as Pb)	0-50 (ppm)	0.00 ppm
Appearance (A112451)	white powder	White powder
Solubility in H ₂ O , 20g/200 ml, H ₂ O Clear	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
DNase, RNase and Protease	None Detected	none detected
Suitability:Suitable as a Catalyst of Acrylamide Polymerization	Pass	Pass



John Su
QA & QC Manager