

Certificate of Analysis

Date of Testing: 2024-12-13 11:17:15

Date of Next Testing: 2028-12-12 11:17:15

Product Name: **Ammonium persulfate**

CAS Number: 7727-54-0

Specifications & Purity: AR, ≥98%

Lot #: L2409735

SKU #: **A112448**

Version: **7**

Analysis #: **449038**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Manganese(Mn)	0-0.00005 (%)	0.00000 %
Ignition Residue (as sulfate)	0-0.02 (%)	0.00000 %
Assay	98-100 (%)	99.09000 %
Chloride and chlorate(Cl)	0-0.001 (%)	0.00100 %
Appearance (A112448)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Clarity of solution , ≤3#	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager