

Certificate of Analysis

Date of Testing: 2024-02-22 11:10:54
Date of Next Testing: 2028-02-21 11:10:54
Product Name: **Ammonium persulfate**
CAS Number: 7727-54-0
Specifications & Purity: Analytical Reagent , $\geq 98\%$
Lot #: B2418719
SKU #: **A112448**
Analysis: **322410**
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 (%)	0.00050 %
Iron(Fe)	0-0.0005 (%)	0.00050 %
Manganese(Mn)	0-0.00005 (%)	0.00005 %
Ignition Residue (as sulfate)	0-0.02 (%)	0.00130 %
Chloride and chlorate(Cl)	0-0.001 (%)	0.00100 %
Assay	98-100 (%)	99.29000 %
Appearance (A112448)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Clarity of solution , $\leq 3\#$	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager