

Certificate of Analysis

Date of Testing: 2025-04-29 16:48:42

Date of Next Testing: 2029-04-28 16:48:42

Product Name: **Ammonium persulfate (APS)**

CAS Number: 7727-54-0

Specifications & Purity: AR, ≥98%

Lot #: D2525496

SKU #: **A112448**

Version: **7**

Analysis #: **505175**

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 %
Chloride and chlorate(Cl)	0-0.001 (%)	0.00100 %
Assay	98-100 (%)	99.25000 %
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