

## Certificate of Analysis

Date of Testing: 2022-01-05 10:32:54  
Date of Next Testing: 2026-01-04 10:32:54  
Product Name: **Ammonium persulfate**  
CAS Number: 7727-54-0  
Specifications & Purity: Analytical Reagent ,  $\geq 98\%$   
Lot #: A2203174  
SKU #: **A112448**  
**Analysis:** **058862**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Manganese(Mn)	0-0.5 (ppm)	0.12 ppm
Ignition Residue (as sulfate)	0-0.02 (%)	0.01 %
Chloride and chlorate(Cl)	0-0.001 (%)	0.00000 %
Assay	98-100 (%)	98.65 %
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