

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-29 14:22:53  
Date of Next Testing: 2028-08-28 14:22:53  
Product Name: **Ammonium persulfate**  
CAS Number: 7727-54-0  
Specifications & Purity: ACS  
Lot #: H2421068  
SKU #: **A112449**  
Version: **4**  
Analysis #: **405306**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Chloride and Bromide(As Cl-)	0-0.001 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Manganese(Mn)	0-0.5 (ppm)	0.00 ppm
Ignition Residue	0-0.05 (%)	0.02 %
Iron(Fe)	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Purity(Titration by KMNO <sub>4</sub> )	98-100 (%)	98.56 %
Titration Acid	0-40 (meq/kg)	9.44000 meq/kg
Appearance (A112449)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
ICP:Confirms Sulfur Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager