

Certificate of Analysis

Date of Testing:	2023-08-12 11:35:57
Date of Next Testing:	2026-08-11 11:35:57
Product Name:	Ammonium persulfate
CAS Number:	7727-54-0
Specifications & Purity:	BioReagent Plus, ≥98.0%
Lot #:	G2322094
SKU #	A433871
Analysis:	246000

Parameter	Limit Values	Result
Purity(redox titration)	98-102.5 (%)	98.77 %
Residue on Ignition	0-0.05 (%)	0.00000 %
Insoluble matter	0-0.005 (%)	0.00 %
Chloride Content	0-0.001 (%)	0.00 %
Aluminum(Al)	0-5 (ppm)	0.00 ppm
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-10 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	1.16 ppm
Phosphorus (P)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-1 (ppm)	0.00 ppm
Sodium(Na)	0-0.01 (%)	0.00 %
Appearance(A433871)	White to Off-White Powder, Crystalline Powder and/or Lumps	White to Off-White Powder, Crystalline Powder and/or Lumps
Solubility in H ₂ O , 20g/200 ml, H ₂ O Clear	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager