

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-08-24 16:46:33
Date of Next Testing:	2027-08-24 16:46:33
Product Name:	Sodium pentanesulfonate
CAS Number:	22767-49-3
Specifications & Purity:	BioReagent Plus
Lot #:	H2414476
SKU #	S432350
Version	1
Analysis #:	404084

Parameter	Limit Values	Result
Purity(Ion exchange titration)	98.5-102.5 (%)	98.52 %
Insoluble matter	0-0.1 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Phosphorus (P)	0-0.001 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Ammonia (NH ₄)	0-0.05 (%)	0.00 %
Chloride Content	0-0.05 (%)	0.00 %
Appearance(S432350)	White Powder	White powder
Solubility(0.5M in Water at 20 Degrees Celsius),Clear Colorless	Pass	Pass
ICP: Confirms Sodium Component	Confirmed	Confirmed
Proton NMR 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