

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-22 13:44:25  
Date of Next Testing: 2028-11-21 13:44:25  
Product Name: **Sodium carbonate**  
CAS Number: 497-19-8  
Specifications & Purity: BioReagent, ≥99%  
Lot #: K2520072  
SKU #: **S755926**  
Version: **2**  
Analysis #: **611951**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Chloride Content	0-0.05 (%)	0.01200 %
Sulfate(SO42-)	0-0.02 (%)	0.00300 %
Insoluble matter	0-0.1 (%)	0.01000 %
Aluminum(Al)	0-0.001 (%)	0.00000 %
Phosphorus (P)	0-0.02 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.02 (%)	0.00400 %
Magnesium(Mg)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00000 %
Ammonia (NH4)	0-0.05 (%)	0.00000 %
Assay(Titration by HCL)	≥99 (%)	99.91000 %
Appearance(S755926)	White powder	White powder
Solubility, Colorless, Clear, 1 M in H2O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager