

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-25 16:29:35
 Date of Next Testing: 2029-08-24 16:29:35
 Product Name: **Sodium carbonate decahydrate**
 CAS Number: 6132-02-1
 Specifications & Purity: AR, ≥99%
 Lot #: H2521498
 SKU #: **S112589**
 Version: **1**
 Analysis #: **563969**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Silicate(SiO ₃)	0-0.001 (%)	0.00039 %
Potassium(K)	0-0.003 (%)	0.00150 %
Aluminum(Al)	0-5 (ppm)	2.20000 ppm
Chloride (Cl ⁻)	0-0.001 (%)	0.00050 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00180 %
Purity(Titration by HCl)	98.5-101.5 (%)	99.99710 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00200 %
Heavy metal (as Pb)	0-0.0002 (%)	0.00010 %
Calcium(Ca)	0-0.003 (%)	0.00100 %
Magnesium(Mg)	0-3 (ppm)	1.40000 ppm
Phosphate(PO ₄)	0-0.0005 (%)	0.00030 %
Iron(Fe)	0-0.0002 (%)	0.00010 %
Total Nitrogen	0-5 (ppm)	1.90000 ppm
Appearance (S112589)	White to Off-White Crystals	White to Off-White Crystals
Clarity of solution	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager