

Certificate of Analysis

Date of Testing: 2024-08-21 10:46:52
Date of Next Testing: 2028-08-20 10:46:52
Product Name: **Sodium carbonate anhydrous**
CAS Number: 497-19-8
Specifications & Purity: $\geq 99.8\%$
Lot #: H2408457
SKU #: **S111733**
Version: **1**
Analysis #: **402845**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.10 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0003 (ppm)	0.00 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Assay	99.8-100 (%)	100.00 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00 %
Aluminum(Al)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.005 ($\mu\text{g}/\text{mg}$)	0.00 $\mu\text{g}/\text{mg}$
Potassium(K)	0-0.005 (%)	0.00 %
Phosphate and Silicate(SiO ₃)	0-0.0025 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (S111733)	white powder or grain	white powder or grain



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager