

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-10 14:09:51  
 Date of Next Testing: 2027-10-09 14:09:51  
 Product Name: **Sodium carbonate anhydrous**  
 CAS Number: 497-19-8  
 Specifications & Purity:  $\geq 99.8\%$   
 Lot #: I2328531  
 SKU #: **S111733**  
**Analysis:** **283672**  
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.30 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0003 (ppm)	0.00 ppm
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Assay	99.8-100 (%)	99.81 %
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 <sub>3</sub> )	0-0.0025 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.003 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (S111733)	white powder or grain	white powder or grain



John Su  
QA & QC Manager