

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-14 12:11:57
Date of Next Testing: 2026-03-13 12:11:57
Product Name: **Sodium carbonate anhydrous**
CAS Number: 497-19-8
Specifications & Purity: $\geq 99.8\%$
Lot #: C2211080
SKU #: **S111733**
Analysis: **082706**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|---|-------------------------------------|------------------------------|
| Loss on drying | 0-0.5 (%) | 0.47 % |
| 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 (%) | 99.97 % |
| 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 |



John Su
QA & QC Manager