

Certificate of Analysis

Date of Testing: 2024-07-11 16:05:31
Date of Next Testing: 2028-07-10 16:05:31
Product Name: **Sodium carbonate anhydrous**
CAS Number: 497-19-8
Specifications & Purity: $\geq 99.8\%$
Lot #: F2428290
SKU #: **S111733**
Version: **1**
Analysis #: **386210**
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 H2O | 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 |



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

John Su
QA & QC Manager