

## Certificate of Analysis

Date of Testing: 2023-03-03 19:28:48  
Date of Next Testing: 2027-03-02 19:28:48  
Product Name: **Sodium carbonate anhydrous**  
CAS Number: 497-19-8  
Specifications & Purity: 99.999% metals basis  
Lot #: C2301845  
SKU #: **S111738**  
**Analysis: 189885**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(110°C,2h)	0-1 (%)	0.03 %
CO3(Titration by HCL)	55.2-55.8 (%)	55.78 %
Total Metallic Impuritie	0-20 (ppm)	9.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.999-100 (%)	100.00 %
Appearance (S111738)	white powder or granules	White Powder or Granules
ICP:Confirms Sodium Component	Confirmed	Confirmed
Solubility in H2O , Colorless , Clear , 1M	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager