

Certificate of Analysis

Date of Testing: 2023-12-13 10:12:54

Date of Next Testing: 2026-12-12 10:12:54

Product Name: **Sodium carbonate**

CAS Number: 497-19-8

Specifications & Purity: anhydrous, powder or granules, ACS reagent, $\geq 99.5\%$

Lot #: L2305141

SKU #: **S432761**

Analysis: **295848**

Parameter	Limit Values	Result
Assay(Titration by HCL)(Dried Basis)	99.5-102.5 (%)	99.63000 %
Loss on Drying(285°C)	0-1 (%)	0.21000 %
Insoluble matter(c=10%,H2O)	0-0.01 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	2.00 ppm
Heavy Metals (by ICP-OES)	0-5 (ppm)	2.00000 ppm
Calcium(Ca)	0-0.03 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Chloride Content	0-0.001 (%)	0.00100 %
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Sulfur Compounds	0-0.003 (%)	0.00000 %
Silica	0-0.005 (%)	0.00000 %
Appearance(S432761)	White Powder or Granules	White Powder or Granules
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager