

Certificate of Analysis

Date of Testing: 2024-09-25 15:32:08

Date of Next Testing: 2027-09-25 15:32:08

Product Name: **Sodium carbonate**

CAS Number: 497-19-8

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

Lot #: I2423548

SKU #: **S432761**

Version: **1**

Analysis #: **408925**

Parameter	Limit Values	Result
Assay(Titration by HCL)(Dried Basis)	99.5-102.5 (%)	100.20000 %
Loss on Drying(285°C)	0-1 (%)	0.38000 %
Insoluble matter(c=10%,H2O)	0-0.01 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Heavy Metals (by ICP-OES)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-0.03 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Silica	0-0.005 (%)	0.00000 %
Chloride Content	0-0.001 (%)	0.00000 %
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Sulfur Compounds	0-0.003 (%)	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