

# Product Specification

## Sodium Carbonate, Anhydrous, ACS Reagent Grade

Lot Number: SAMPLE

Product Number: RDCS0390

Date Packaged: N/A

Expiration Date: N/A

**Contains** $\text{Na}_2\text{CO}_3$  CAS No. 497-19-8 MW 105.99

Test	Specification	Result
Assay (dried basis)	min 99.5 %	N/A
Calcium (Ca)	max 0.03 %	N/A
Chloride (Cl)	max 0.001 %	N/A
Heavy Metals (as Pb)	max 5 ppm	N/A
Insoluble Matter	max 0.01 %	N/A
Iron (Fe)	max 5 ppm	N/A
Loss on heating at 285 °C	max 1.0 %	N/A
Magnesium (Mg)	max 0.005 %	N/A
Phosphate ( $\text{PO}_4$ )	max 0.001 %	N/A
Potassium (K)	max 0.005 %	N/A
Silica ( $\text{SiO}_2$ )	max 0.005 %	N/A
Sulfur compounds (as $\text{SO}_4$ )	max 0.003 %	N/A

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RDCS0390-100B1	100 g poly	84 months
RDCS0390-500B1	500 g poly	84 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."