

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

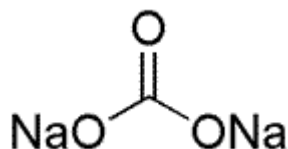
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 30109

Product

Sodium carbonate

Carbonic acid disodium salt

CAS Number 497-19-8

Molecular Formula Na_2CO_3

Molecular Weight 106

Appearance White granular powder

Solubility 21.5 g in 100 mL at 20 °C in water

Melting Point 851 °C (Approx.)

Heavy Metals ≤ 5 ppm (as Pb)

Anion
Chloride (Cl^-) : $\leq 0.001\%$
Phosphate (PO_4^{3-}) : $\leq 0.001\%$
Silica (SiO_2) : $\leq 0.005\%$
Sulfur compounds (as SO_4) : $\leq 0.003\%$

Cation
Iron (Fe) : ≤ 5 ppm
Calcium (Ca) : $\leq 0.03\%$
Magnesium (Mg) : $\leq 0.005\%$
Potassium (K) : $\leq 0.005\%$

Insoluble material $\leq 0.01\%$

Assay by titration $\geq 99.5\%$ (dried basis)

Grade ACS reagent

Storage Store at RT

Additional Information Loss on heating at 285 °C : $\leq 1\%$

For Laboratory Use Only