

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	51010
Product	Sodium carbonate anhydrous, Pharma pure, Microbial tested, Aerobic Plate Count: $\leq 10^3$, Yeast and Mold Count: $\leq 10^2$ cfu/g, Total Coliforms: Negative, Bacterial Endotoxin: ≤ 15 EU/g
	Carbonic acid disodium salt
CAS Number	497-19-8
Molecular Formula	Na_2CO_3
Molecular Weight	106.0
Appearance	White granular
Appearance of Solution	To pass test
Clarity & Color	The solution to pass test
Anion	Chloride (Cl^-): < 125 ppm (EP?BP) Chloride (Cl^-): $< 0.071\%$ (JP) Sulphate (SO_4^{2-}): < 250 ppm
Cation	Iron (Fe): < 50 ppm Arsenic (As): < 3.1 ppm
Water Content (Karl Fisher)	$< 0.5\%$ (NF)
Loss on Drying	$< 1.0\%$ (EP/BP) $< 2.0\%$ (JP)
Residual Solvents	Conforms to NF
Identification	To pass test A and B (NF) To pass test A, B, C, and D (EP/BP) To pass test (JP) To pass test for Alkali hydroxides To pass test for Bicarbonates

Product Specifications

Catalog Number: 51010

Microbial test	Aerobic Plate Count: < 1000 cfu/g Yeast and Mold Count: < 100 cfu/g Total Coliforms: Negative Bacterial Endotoxin: < 15 EU/g
Assay	99.5 - 100.5% (NF/EP/BP) > 99.0% (JP)
Grade	Meets NF/EP/JP/BP specification, Fine granular
Storage	Store at RT

For Laboratory Use Only