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Product Specifications

Catalogue Number	51009
Product	Sodium carbonate anhydrous, Microbial tested, Aerobic Plate Count: $\leq 10^3$, Yeast and Mold Count: $\leq 10^2$ cfu/g, Total Coliforms: Negative
	Carbonic acid disodium salt
CAS Number	497-19-8
Molecular Formula	Na ₂ CO ₃
Molecular Weight	106.0
Appearance	White granular
Appearance of Solution	To pass test
Heavy Metals	< 10 ppm
Anion	Chloride (Cl ⁻): < 125 ppm Sulphate (SO ₄ ²⁻): < 250 ppm
Cation	Iron (Fe): < 50 ppm Arsenic (As): < 3.1 ppm
Loss on Drying	< 0.5% (NF) < 1.0% (EP) < 2.0% (JP)
Residual Solvents	Conforms to NF
Identification	To pass test A and D To pass test for Sodium To pass test for Carbonate To pass test for Alkali hydroxides To pass test for Bicarbonates
Microbial test	Aerobic Plate Count: < 1000 cfu/g Yeast and Mold Count: < 100 cfu/g Total Coliforms: Negative
Assay	99.5 - 100.5% (NF/EP) > 99.0% (JP)
Grade	Meets NF/EP/JP specification, Fine granular

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Storage

Store at RT

For Laboratory Use Only