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Product Specifications

Catalogue Number	51013
Product	Sodium carbonate monohydrate, Microbial tested, Aerobic Plate Count: $\leq 10^3$, Yeast and Mold Count: $\leq 10^2$ cfu/g, Total Coliforms: Negative
	Carbonic acid disodium salt, monohydrate
CAS Number	5968-11-6
Molecular Formula	$\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
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): 5 ppm
Water Content (Karl Fisher)	12.0 - 15.0%
Residual Solvents	Conforms to NF
Identification	To pass test A, B, and C To pass test for Alkali hydroxides To pass test for Bicarbonates
pH of 1% solution	11.1 - 11.4
Microbial test	Aerobic Plate Count: < 1000 cfu/g Yeast and Mold Count: < 100 cfu/g Total Coliforms: Negative
Assay	99.5 - 100.5% 83.0 - 87.5% (EP)
Grade	Meets NF/EP specification, Granular
Storage	Store at RT

Product Specifications

Catalog Number: 51013

For Laboratory Use Only