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Product Specifications

Catalogue Number	50998
Product	Sodium acetate trihydrate, Pharma pure, Microbial tested, Aerobic Plate Count: $\leq 10^3$, Yeast and Mold Count: $\leq 10^2$ cfu/g, Total Coliforms: Negative, Bacterial Endotoxin: ≤ 2.5 EU/g
	Acetic acid sodium salt trihydrate
CAS Number	6131-90-4
Molecular Formula	$\text{NaC}_2\text{H}_3\text{O}_2 \cdot 3\text{H}_2\text{O}$
Molecular Weight	136.1
Appearance	White or colorless granulated
Appearance of Solution	To pass test
Clarity & Color	The solution to pass test
Heavy Metals	< 10 ppm
Anion	Chloride (Cl^-): < 350 ppm (USP) Chloride (Cl^-): < 200 ppm (EP/BP) Chloride (Cl^-): < 0.011% (JP) Sulphate (SO_4^{2-}): < 50 ppm (USP) Sulphate (SO_4^{2-}): < 200 ppm (EP/BP) Sulphate (SO_4^{2-}): < 0.017% (JP)
Cation	Calcium and Magnesium: To pass USP and JP Calcium and Magnesium: < 50 ppm (EP/BP) Iron (Fe): 10 ppm, Potassium (K): To Pass Arsenic (As): < 2 ppm
pH	7.5 - 9.2 (USP) 7.5 - 9.0 (EP/BP)
Acidity & Alkalinity	To pass test
Reducing Substances	To pass test
Loss on Drying	38.0 - 41.0% (USP) 39.0 - 40.5% (EP/BP/JP)
Residual Solvents	Conforms to USP

Product Specifications

Catalog Number: 50998

Identification	To pass test A and B (USP) To pass test A, B, and C (EP/BP) To pass test (JP)
Microbial test	Aerobic Plate Count: < 1000 cfu/g Yeast and Mold Count: < 100 cfu/g Total Coliforms: Negative Bacterial Endotoxin: < 2.5 EU/g
Insoluble material	< 0.05%
Assay	99.0 - 101.0% (USP/EP/BP) > 99.5% (JP)
Grade	Meets USP/EP/JP/BP specification, Granulated
Storage	Store at RT

For Laboratory Use Only