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Product Specifications

Catalogue Number 51000

Product **Sodium acetate trihydrate, Microbial tested, Aerobic Plate Count: $\leq 10^3$, Yeast and Mold Count: $\leq 10^2$ cfu/g, Total Coliforms: Negative**

Molecular Formula Acetic acid sodium salt trihydrate
 $\text{NaC}_2\text{H}_3\text{O}_2 \cdot 3\text{H}_2\text{O}$

Appearance White or colorless granulated

Appearance of Solution To pass test

Heavy Metals < 10 ppm

Anion Chloride (Cl^-): < 350 ppm (USP)
Chloride (Cl^-): < 200 ppm (EP)
Chloride (Cl^-): < 100 ppm (JP)
Sulphate (SO_4^{2-}): < 0.005% (USP)
Sulphate (SO_4^{2-}): < 200 ppm (EP)
Sulphate (SO_4^{2-}): < 200 ppm (EP)

Cation Calcium and Magnesium: To pass (USP?JP)
Calcium and Magnesium: < 50 ppm (EP)
Iron (Fe): < 10 ppm, Potassium: To pass
Arsenic (As): < 2 ppm

pH 7.5 - 9.0 (5% solution) (EP)
7.5 - 9.2 (3% solution) (USP)

Reducing Substances To pass test (EP)

Loss on Drying 38.0 - 41.0% (USP)
39.0 - 40.5% (EP)
39.0 - 40.5% (EP/JP)

Residual Solvents Conforms to USP

Identification To pass test for Sodium and Acetate
To pass test for LOD
To pass identification test (JP)

Microbial test Aerobic Plate Count: < 1000 cfu/g
Yeast and Mold Count: < 100 cfu/g
Total Coliforms: Negative

Product Specifications

Catalog Number: 51000

Insoluble material	< 0.005%
Assay	99.0 - 101.0% (USP/EP) > 99.5% (JP)
Grade	Meets USP/EP/JP specification, Granulated
Storage	Store at RT

For Laboratory Use Only