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Product Specifications

Catalogue Number	51023
Product	Sodium phosphate dibasic dihydrate, Pharma Disodium hydrogen phosphate dihydrate Sodium hydrogenphosphate dihydrate
CAS Number	10028-24-7
Molecular Formula	Na ₂ HPO ₄ ·2H ₂ O
Molecular Weight	178.0

Appearance	Granular
Appearance of Solution	To pass test
Anion	Chloride (Cl ⁻): < 0.6% Chloride (Cl ⁻): < 400 ppm (EP/BP) Sulphate (SO ₄ ²⁻): < 0.02% (USP) Sulphate (SO ₄ ²⁻): < 0.01% (EP/BP)
Cation	Iron (Fe): < 40 ppm Arsenic (As): < 4 ppm
Reducing Substances	To pass test
Loss on Drying	19.5 - 21.0%
Identification	To pass test A and B (USP) To pass test A, B, C, and D (EP/BP)
Monosodium Phosphate	< 2.5%
Microbial test	Aerobic Plate Count: < 1000 cfu/g Yeast and Mold Count: < 100 cfu/g Total Coliforms: Negative Bacterial Endotoxin: < 15 EU/g
Insoluble material	< 0.4%
Assay	98.0 - 100.5% (USP) 98.0 - 101.0% (EP/BP)
Grade	Meets USP/EP/BP specification, Granular
Storage	Store at RT

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For Laboratory Use Only