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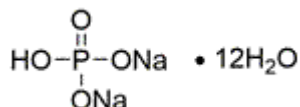
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	36678
Product	Sodium phosphate dibasic dodecahydrate <i>sec</i> -Sodium phosphate Disodium hydrogen phosphate dodecahydrate
CAS Number	10039-32-4
Molecular Formula	Na ₂ HPO ₄ •12H ₂ O
Molecular Weight	358.14

Warnings	<i>Hygroscopic!</i>
Appearance	Colorless transparent crystals, very efflorescent
Appearance of Solution	Clear and colorless solution (10% solution)
Solubility	Freely soluble in water, practically insoluble in Ethanol(96%)
Anion	Chloride : ≤ 200 ppm Sulfate : ≤ 500 ppm
Cation	Iron (Fe) : ≤ 20 ppm
Reducing Substances	The color of permanganate is not completely discharged.
Loss on Drying	57 - 61% (130 °C/4h)
Related Substances	Monosodium Phosphate : ≤ 2.5%
Assay	98.5 - 102.5%
Grade	Meets EP Specifications
Storage	Store at RT
Additional Information	Identification : Test A : 10% solution is slightly alkaline Test B : To pass test for LOD test Test C : Gives reaction of Phosphate Test D : Gives reaction of Sodium

For Laboratory Use Only