

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	36678
Lot Number	002251-02923
Product	Sodium phosphate dibasic dodecahydrate <i>sec</i> -Sodium phosphate
CAS Number	10039-32-4
Molecular Formula	Na ₂ HPO ₄ •12H ₂ O
Molecular Weight	358.14

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	60.54% (130 °C/4h)
Assay	98.79%
Grade	Meets EP Specifications
Storage	Store at RT
Additional Information	Identification : Test A : 10% solution is slightly alkaline Test B : Passes test for LOD test Test C : Gives reaction of Phosphate Test D : Gives reaction of Sodium
Country of Origin	India

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager