

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

NaH₂PO₄ • H₂O

| | |
|--------------------------|--|
| Catalogue Number | 37041 |
| Product | Sodium phosphate, monobasic, monohydrate Sodium dihydrogen phosphate monohydrate |
| CAS Number | 10049-21-5 |
| Molecular Formula | NaH ₂ PO ₄ •H ₂ O |
| Molecular Weight | 137.99 |

| | |
|------------------------------------|---|
| Appearance | White or colorless crystals |
| Solubility | Freely soluble in water. Practically insoluble in alcohol |
| Anion | Chloride (Cl) : ≤ 0.014% Sulfate (SO ₄) : ≤ 0.15% |
| Cation | Al, Ca & related elements : To pass test Arsenic (As) : ≤ 8 ppm |
| Water Content (Karl Fisher) | 10.0 - 15.0% |
| pH | 4.1 - 4.5 |
| Insoluble material | ≤ 0.2% |
| Assay (anhydrous basis) | 98.0 - 103.0% |
| Grade | meets USP specification |
| Application | Buffering agent. |
| Storage | Store at RT |
| Additional Information | Identification A : Gives the reaction of sodium Identification B : Gives the reaction of phosphate |

For Laboratory Use Only