

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

$\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$

Catalogue Number	02034
Product	Sodium phosphate tribasic dodecahydrate Trisodium phosphate dodecahydrate
CAS Number	10101-89-0
Molecular Formula	$\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
Molecular Weight	380.1

Appearance	White crystals
Solubility	Soluble in 3.5 parts water, 1 part boiling water
Melting Point	75 °C (Approx.)
Heavy Metals	≤ 0.001% (as Pb)
Anion	Chloride (Cl ⁻): ≤ 0.001% Sulfate (SO ₄ ²⁻): ≤ 0.01%
Cation	Iron (Fe): ≤ 0.001%
Insoluble material	≤ 0.01%
Assay by titration	98.0-102.0%
Grade	ACS reagent
Application	Buffer; sequestering agent.
Storage	Store at RT
Additional Information	Excess alkali (as NaOH): ≤ 2.5%

For Laboratory Use Only