

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

Certificate of Analysis

Catalogue Number	35876
Product	Sodium phosphate dibasic, for molecular
Lot Number	000878-4369764
	Disodium hydrogen phosphate
CAS Number	7558-79-4
Molecular Formula	Na ₂ HPO ₄
Molecular Weight	141.96

Appearance	White crystalline powder
Solubility	Colorless solution (10% aq. solution)
Solubility (Turbidity)	Clear solution (10% aq. solution)
Heavy Metals	< 0.001% (as Pb)
Anion	Chloride (Cl) : < 0.002% Sulphate (SO ₄) : < 0.005%
Cation	Iron (Fe) : < 0.001% Nitrogen compounds (N) : < 0.002% Copper (Cu) : < 0.0005% Potassium (K) : < 0.005%
pH	9.2
UV Ratios	Absorbance (A) of 0.1M aq. solution in a 1 cm cell v/s H ₂ O : At 260 nm : 0.006 At 280 nm : 0.007
Loss on Drying	0.1%
RNase, DNase, Protease	Not detected
Insoluble material	< 0.01% (In Water)
Assay by titration	99.8%
Storage	Store at RT

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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