

## Product Datasheet

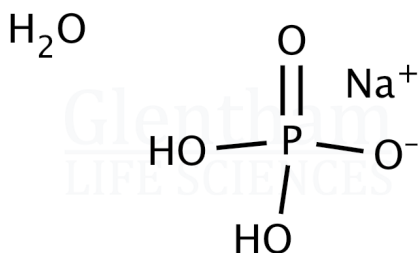
### GE0010 - Sodium phosphate monobasic monohydrate

#### Product Details

Product Name	Sodium phosphate monobasic monohydrate
Glenthams Code	GE0010
CAS Number	10049-21-5
EINECS	231-449-2
MDL Number	MFCD00149208
PubChem SID	310280148
Related Categories	Biochemicals, Buffers, Inorganics, Metal Salts

#### Structure

Molecular Weight	: 137.99
Molecular Formula	: $\text{H}_2\text{NaO}_4\text{P} \cdot \text{H}_2\text{O}$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

### Glenthams Product Specification

Physical Description	: Colourless or white crystals
Identification	: A, B: According to USP
Solubility (5% in water)	: Clear, colourless solution
pH (5% in water)	: 4.1 - 4.5
Water Insoluble Matter	: $\leq 0.01\%$
Chloride (Cl)	: $\leq 5\text{ppm}$
Sulphate ( $\text{SO}_4$ )	: $\leq 30\text{ppm}$
Heavy Metals (as Pb)	: $\leq 10\text{ppm}$
Arsenic (As)	: $\leq 8\text{ppm}$
Calcium (Ca)	: $\leq 50\text{ppm}$
Potassium (K)	: $\leq 100\text{ppm}$
Iron (Fe)	: $\leq 10\text{ppm}$
Ca, Al and Related Elements	: To pass test
Water	: 10.0 - 15.0 %
Assay (ACS)	: 98.0 - 102.0 %
Assay (Titration)	: 98.0 - 103.0 % ( $\text{NaH}_2\text{PO}_4$ , anhydrous basis)
Pharmacopoeia Specification(s)	: USP, ACS
Version	: v1.0

### About Sodium phosphate monobasic monohydrate

No further details on record.