

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

### **Product Datasheet**

# **GE0010 - Sodium phosphate** monobasic monohydrate

#### **Product Details**

Product Name Sodium phosphate monobasic

monohydrate

 Glentham 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 : H2NaO4P · H2O

H<sub>2</sub>O O | Na<sup>+</sup>
HO - P - O<sup>-</sup>

#### **Storage**

Recommended storage temperature: +20°C.

#### **Hazards and Transport**

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

#### **Glentham Product Specification**

Physical : Colourless or white crystals

Description

Identification : A, B: According to USP
Solubility (5% in : Clear, colourless solution

water)

pH (5% in water) : 4.1 - 4.5

Water Insoluble : ≤ 0.01%

Matter

Chloride (Cl) : ≤ 5ppm Sulphate (SO4) : ≤ 30ppm

Heavy Metals (as Pb) : ≤ 10ppm

Arsenic (As) :  $\leq$  8ppm Calcium (Ca) :  $\leq$  50ppm Potassium (K) :  $\leq$  100ppm Iron (Fe) :  $\leq$  10ppm Ca, Al and : To pass te

Related Elements To pass test

Water : 10.0 - 15.0 % Assay (ACS) : 98.0 - 102.0 %

Assay (Titration) : 98.0 - 103.0 % (NaH2PO4,

anhydrous basis)

Pharmacopoeia Specification(s)

: USP, ACS

opcomoation(3)

Version : v1.0

## About Sodium phosphate monobasic monohydrate

No further details on record.

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Page 1 of 1 Printed: 2024-04-29 02:16:09