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### **Product Datasheet**

# GB1797 - Sodium dihydrogen phosphate dihydrate

#### **Product Details**

Product Name Sodium dihydrogen phosphate

dihydrate

 Glentham Code
 GB1797

 CAS Number
 13472-35-0

 EINECS
 231-449-2

MDL Number MFCD00149209

Related Categories Buffers, Raw Materials (IVD)

#### **Structure**

Molecular Weight : 156.01

Molecular Formula : H<sub>2</sub>NaO<sub>4</sub>P · 2H<sub>2</sub>O

$$H_{2}O$$
 O  $|| Na^{+}$ 
 $HO - P - O^{-}$ 
 $HO$ 
 $H_{2}O$ 

#### 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 : White crystalline powder or

Description crystals

Identification (IR) : To conform to standard Solubility (5% in : Clear, colourless solution

water)

pH (5% in water) : 4.0 - 4.5 Heavy Metals : ≤ 20ppm

(as Pb)

Loss on Drying : 18.0 - 27.0 %

Assay (Titration) : 98.0 - 102.0 % (anhydrous basis)

Version : v1.0

## About Sodium dihydrogen phosphate dihydrate

Sodium dihydrogen phosphate dihydrate is used in the preparation of biological buffers and buffer solutions, with applications in molecular biology and biochemistry.

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