

Product Datasheet

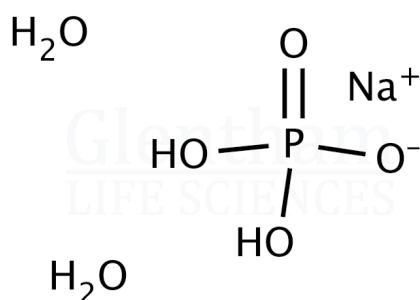
GB1797 - Sodium dihydrogen phosphate dihydrate

Product Details

Product Name	Sodium dihydrogen phosphate dihydrate
Glenthams 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	: $\text{H}_2\text{NaO}_4\text{P} \cdot 2\text{H}_2\text{O}$



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	: White crystalline powder or crystals
Identification (IR)	: To conform to standard
Solubility (5% in water)	: Clear, colourless solution
pH (5% in water)	: 4.0 - 4.5
Heavy Metals (as Pb)	: ≤ 20ppm
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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