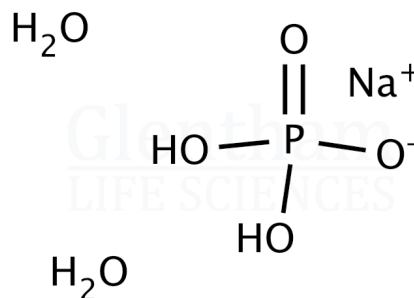


Product Specification

Product Name	Sodium dihydrogen phosphate dihydrate, Ph. Eur., USP grade
Glentham Code	GK8728
CAS Number	13472-35-0
EINECS	231-449-2
MDL Number	MFCD00149209
PubChem SID	310280090
Molecular Weight	156.01
Molecular Formula	$H_2NaO_4P \cdot 2H_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder or crystals
Identification	According to Ph. Eur., USP
Solubility (10% in water)	Clear, colourless solution
Appearance of Solution	To pass test
Water Insoluble Matter	≤ 0.2%
pH (5% in water)	4.2 - 4.5
Chloride (Cl)	≤ 140ppm
Sulphate (SO ₄)	≤ 300ppm
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 0.5ppm
Cadmium (Cd)	≤ 0.5ppm
Iron (Fe)	≤ 10ppm
Mercury (Hg)	≤ 1ppm
Cobalt (Co)	≤ 5ppm
Vanadium (V)	≤ 3ppm
Nickel (Ni)	≤ 6ppm
Al, Ca, and related elements	To pass test
Reducing Substances	To pass test
Loss on Drying	21.4 - 24.0 %
Water (KF)	18.0 - 26.5 %
Assay (dried basis)	98.0 - 103.0 % (USP)
Assay (dried basis)	98.0 - 100.5 % (Ph. Eur.)
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version - v1.2
Date Created - 2022-01-11

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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