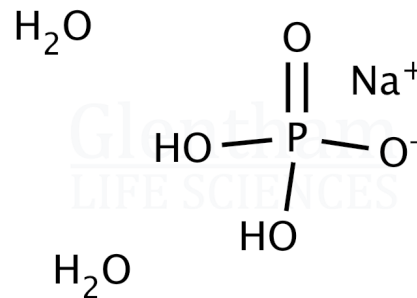


## Certificate of Analysis

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
Batch Number	097WKY
Molecular Weight	156.01
Molecular Formula	$H_2NaO_4P \cdot 2H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 097WKY
Physical Description	White crystalline powder or crystals	White crystalline powder
Identification	According to Ph. Eur., USP	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Appearance of Solution	To pass test	Conforms
Water Insoluble Matter	≤ 0.2%	< 0.2%
pH (5% in water)	4.2 - 4.5	4.3
Chloride (Cl)	≤ 140ppm	Conforms
Sulphate (SO <sub>4</sub> )	≤ 300ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Lead (Pb)	≤ 0.5ppm	Conforms
Cadmium (Cd)	≤ 0.5ppm	Conforms
Iron (Fe)	≤ 10ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Cobalt (Co)	≤ 5ppm	Conforms
Vanadium (V)	≤ 3ppm	Conforms
Nickel (Ni)	≤ 6ppm	Conforms
Al, Ca, and related elements	To pass test	Conforms
Reducing Substances	To pass test	Conforms
Loss on Drying	21.4 - 24.0 %	23.2%
Water (KF)	18.0 - 26.5 %	23.1%
Assay (dried basis)	98.0 - 103.0 % (USP)	100.0%
Assay (dried basis)	98.0 - 100.5 % (Ph. Eur.)	100.2%
Pharmacopoeia Specification(s)	Ph. Eur., USP	Conforms

Specification Version	v1.2
Manufacture Date	2023-07-11
Re-Test Date	2029-07-05

## Certificate of Analysis

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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