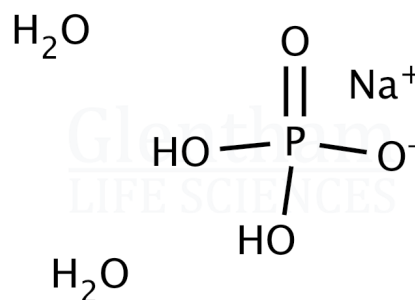


Certificate of Analysis

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	$\text{H}_2\text{NaO}_4\text{P} \cdot 2\text{H}_2\text{O}$
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 ₄)	≤ 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

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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