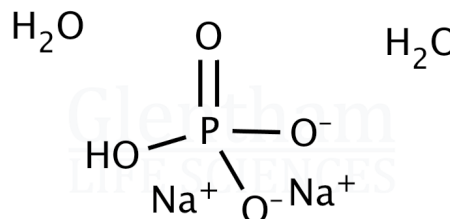


## Product Specification

Product Name	di-Sodium hydrogen phosphate dihydrate, Ph. Eur., USP grade
Glentham Code	GK8671
CAS Number	10028-24-7
EINECS	231-448-7
MDL Number	MFCD00149182
PubChem SID	310280111
Molecular Weight	177.99
Molecular Formula	$\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Colourless or white crystals or crystalline powder
Identification	According to Ph. Eur., USP
Solubility (10% in water)	Clear, colourless solution
Appearance of Solution	To pass test
Water Insoluble Matter	≤ 0.4%
Reducing Substances	To pass test
Monosodium Phosphate	≤ 2.5%
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 0.5ppm
Cadmium (Cd)	≤ 0.5ppm
Iron (Fe)	≤ 20ppm
Mercury (Hg)	≤ 1ppm
Cobalt (Co)	≤ 5ppm
Vanadium (V)	≤ 3ppm
Nickel (Ni)	≤ 6ppm
Chloride (Cl)	≤ 400ppm
Sulphate (SO4)	≤ 0.1%
Loss on Drying	19.5 - 21.0 % (130°C, 4h)
Assay (dried basis)	98.0 - 101.0 % (Ph. Eur.)
Assay (dried basis)	98.0 - 100.5 % (USP)
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version	-	v1.1
Date Created	-	2021-08-31

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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