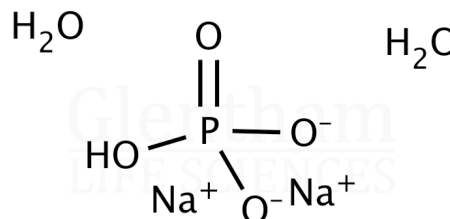


Product Specification

Product Name	di-Sodium hydrogen phosphate dihydrate, Ph. Eur., USP grade
Glentham Code	GK8671
CAS Number	10028-24-7
EINECS	231-448-7
MDL-Nummer	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 or contact us using the details above for the current version of this document.

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