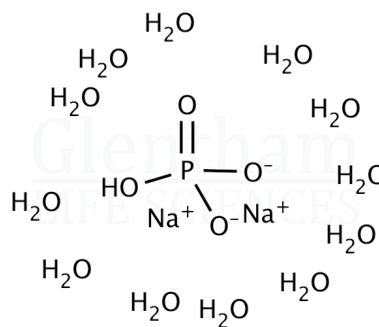


Product Specification

Product Name	di-Sodium hydrogen phosphate dodecahydrate, 99%, Ph. Eur., USP grade
Glentham Code	GK0517
CAS Number	10039-32-4
EINECS	231-448-7
PubChem SID	310280112
Molecular Weight	358.14
Molecular Formula	$\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Colourless crystals or white crystalline powder
Identification	According to Ph. Eur., USP
Solubility (10% in water)	Clear, colourless solution
Water Insoluble Matter	≤ 0.4%
Reducing Substances	To pass test
Monosodium Phosphate	To pass test (2.5%)
Sulphate (SO4)	≤ 0.05%
Iron (Fe)	≤ 20ppm
Chloride (Cl)	≤ 200ppm
Heavy Metals (as Pb)	≤ 10ppm
Arsenic (As)	≤ 1ppm
Lead	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Water (KF)	≤ 61.0%
Assay	98.5 - 102.5 % (Ph. Eur. test)
Assay	98.0 - 100.5 % (USP test)
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version	-	v1.3
Date Created	-	2024-07-23

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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