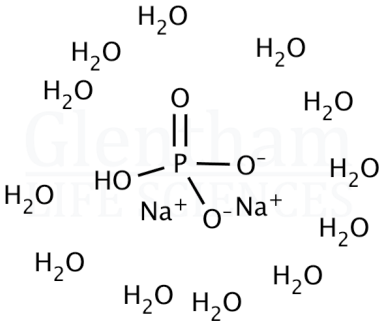


Certificate of Analysis

Product Name	di-Sodium hydrogen phosphate dodecahydrate, 99%, Ph. Eur., USP grade
Glenthams Code	GK0517
CAS Number	10039-32-4
EINECS	231-448-7
PubChem SID	310280112
Batch Number	097ZST
Molecular Weight	358.14
Molecular Formula	Na <sub>2</sub> HPO <sub>4</sub> · 12H <sub>2</sub> O
Storage Temp.	+20°C



Property	Specification	Batch 097ZST
Physical Description	Colourless crystals or white crystalline powder	Colourless crystals
Identification	According to Ph. Eur., USP	Conforms
Solubility (10% in water)	Clear, colourless solution	Conforms
Water Insoluble Matter	≤ 0.4%	Conforms
Reducing Substances	To pass test	Conforms
Monosodium Phosphate	To pass test (2.5%)	< 0.1%
Sulphate (SO <sub>4</sub> )	≤ 0.05%	Conforms
Iron (Fe)	≤ 20ppm	Conforms
Chloride (Cl)	≤ 200ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Lead	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Water (KF)	≤ 61.0%	60.4%
Assay	98.5 - 102.5 % (Ph. Eur. test)	100.9%
Assay	98.0 - 100.5 % (USP test)	99.7%
Pharmacopoeia Specification(s)	Ph. Eur., USP	Conforms

Specification Version	v1.3
Manufacture Date	2024-04-10
Re-Test Date	2032-05-15

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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