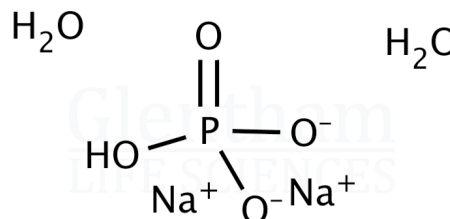


Certificate of Analysis

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
Batch Number	326XEF



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	Batch 326XEF
Physical Description	Colourless or white crystals or crystalline powder	Conforms
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	≤ 0.4%	Conforms
Reducing Substances	To pass test	Conforms
Monosodium Phosphate	≤ 2.5%	0.3%
Arsenic (As)	≤ 1ppm	Conforms
Lead (Pb)	≤ 0.5ppm	Conforms
Cadmium (Cd)	≤ 0.5ppm	Conforms
Iron (Fe)	≤ 20ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Cobalt (Co)	≤ 5ppm	Conforms
Vanadium (V)	≤ 3ppm	Conforms
Nickel (Ni)	≤ 6ppm	Conforms
Chloride (Cl)	≤ 400ppm	Conforms
Sulphate (SO ₄)	≤ 0.1%	Conforms
Loss on Drying	19.5 - 21.0 % (130°C, 4h)	20.2%
Assay (dried basis)	98.0 - 101.0 % (Ph. Eur.)	99.9%
Assay (dried basis)	98.0 - 100.5 % (USP)	100.3%
Pharmacopoeia Specification(s)	Ph. Eur., USP	Conforms

Specification Version	v1.1
Manufacture Date	2021-05-15
Re-Test Date	2029-07-14

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024