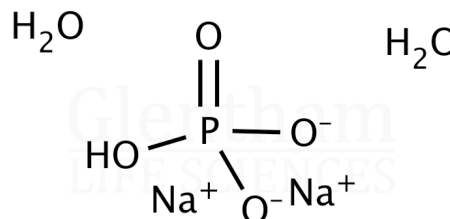


Certificate of Analysis

Product Name	di-Sodium hydrogen phosphate dihydrate, Ph. Eur., USP grade
Glentham Code	GK8671
CAS Number	10028-24-7
EINECS	231-448-7
MDL-Nummer	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	Entspricht
Identification	According to Ph. Eur., USP	Entspricht
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Appearance of Solution	To pass test	Entspricht
Water Insoluble Matter	≤ 0.4%	Entspricht
Reducing Substances	To pass test	Entspricht
Monosodium Phosphate	≤ 2.5%	0.3%
Arsenic (As)	≤ 1ppm	Entspricht
Lead (Pb)	≤ 0.5ppm	Entspricht
Cadmium (Cd)	≤ 0.5ppm	Entspricht
Iron (Fe)	≤ 20ppm	Entspricht
Mercury (Hg)	≤ 1ppm	Entspricht
Cobalt (Co)	≤ 5ppm	Entspricht
Vanadium (V)	≤ 3ppm	Entspricht
Nickel (Ni)	≤ 6ppm	Entspricht
Chloride (Cl)	≤ 400ppm	Entspricht
Sulphate (SO4)	≤ 0.1%	Entspricht
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	Entspricht

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.

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