

Product Datasheet

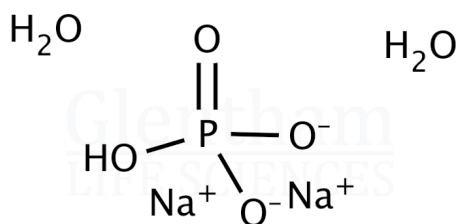
GK8671 - di-Sodium hydrogen phosphate dihydrate, Ph. Eur., USP grade

Product Details

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
Related Categories	Buffers, Raw Materials (IVD), Inorganics, Metal Salts

Structure

Molecular Weight	: 177.99
Molecular Formula	: $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product 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	: $\leq 0.4\%$
Reducing Substances	: To pass test
Monosodium Phosphate	: $\leq 2.5\%$
Arsenic (As)	: $\leq 1\text{ppm}$
Lead (Pb)	: $\leq 0.5\text{ppm}$
Cadmium (Cd)	: $\leq 0.5\text{ppm}$
Iron (Fe)	: $\leq 20\text{ppm}$
Mercury (Hg)	: $\leq 1\text{ppm}$
Cobalt (Co)	: $\leq 5\text{ppm}$
Vanadium (V)	: $\leq 3\text{ppm}$
Nickel (Ni)	: $\leq 6\text{ppm}$
Chloride (Cl)	: $\leq 400\text{ppm}$
Sulphate (SO ₄)	: $\leq 0.1\%$
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
Version	: v1.1

About di-Sodium hydrogen phosphate dihydrate, Ph. Eur., USP grade

No further details on record.

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