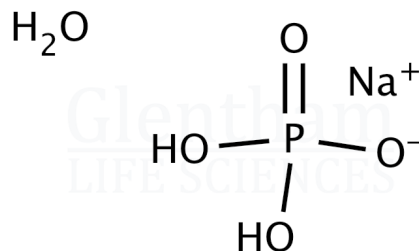


Product Specification

Product Name	Sodium phosphate monobasic monohydrate
Glenthams Code	GE0010
CAS Number	10049-21-5
EINECS	231-449-2
Numéro MDL	MFCD00149208
PubChem SID	310280148
Molecular Weight	137.99
Molecular Formula	$\text{H}_2\text{NaO}_4\text{P} \cdot \text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Colourless or white crystals
Identification	A, B: According to USP
Solubility (5% in water)	Clear, colourless solution
pH (5% in water)	4.1 - 4.5
Water Insoluble Matter	≤ 0.01%
Chloride (Cl)	≤ 5ppm
Sulphate (SO ₄)	≤ 30ppm
Heavy Metals (as Pb)	≤ 10ppm
Arsenic (As)	≤ 8ppm
Calcium (Ca)	≤ 50ppm
Potassium (K)	≤ 100ppm
Iron (Fe)	≤ 10ppm
Ca, Al and Related Elements	To pass test
Water	10.0 - 15.0 %
Assay (ACS)	98.0 - 102.0 %
Assay (Titration)	98.0 - 103.0 % (NaH ₂ PO ₄ , anhydrous basis)
Pharmacopoeia Specification(s)	USP, ACS

Specification Version	-	v1.0
Date Created	-	2014-04-15

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 or contact us using the details above for the current version of this document.

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