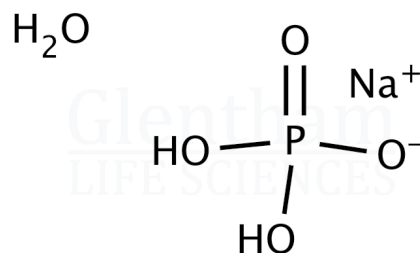


Certificate of Analysis

Product Name	Sodium phosphate monobasic monohydrate
Glentham Code	GE0010
CAS Number	10049-21-5
EINECS	231-449-2
MDL Number	MFCD00149208
PubChem SID	310280148
Batch Number	607RKY
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	Batch 607RKY
Physical Description	Colourless or white crystals	White crystals
Identification	A, B: According to USP	Conforms
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
pH (5% in water)	4.1 - 4.5	4.3
Water Insoluble Matter	≤ 0.01%	0%
Chloride (Cl)	≤ 5ppm	Conforms
Sulphate (SO ₄)	≤ 30ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	2.27ppm
Arsenic (As)	≤ 8ppm	0.10ppm
Calcium (Ca)	≤ 50ppm	7.74ppm
Potassium (K)	≤ 100ppm	35.1ppm
Iron (Fe)	≤ 10ppm	Conforms
Ca, Al and Related Elements	To pass test	Conforms
Water	10.0 - 15.0 %	13.4%
Assay (ACS)	98.0 - 102.0 %	99.2%
Assay (Titration)	98.0 - 103.0 % (NaH ₂ PO ₄ , anhydrous basis)	99.7%
Pharmacopoeia Specification(s)	USP, ACS	Conforms

Specification Version	v1.0
Manufacture Date	2018-08-27
Re-Test Date	2027-11-12

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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