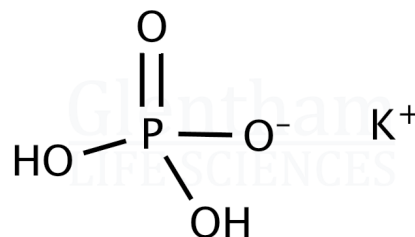


## Certificate of Analysis

Product Name	Potassium phosphate monobasic, Ph. Eur. grade
Glenthams Code	GX7212
CAS Number	7778-77-0
EINECS	231-913-4
MDL Number	MFCD00011401
Batch Number	027LQY
Molecular Weight	136.09
Molecular Formula	H <sub>2</sub> KO <sub>4</sub> P
Storage Temp.	+20°C



Property	Specification	Batch 027LQY
Physical Description	White or almost white crystalline powder or colourless crystals	Conforms
Identification	To pass tests	Conforms
Solubility (10% in water)	Clear, colourless solution	Conforms
pH (5% in water)	4.2 - 4.5	4.3
Reducing Substances	To pass test	Conforms
Chlorides	≤ 200ppm	Conforms
Sulphates	≤ 300ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Lead (Pb)	≤ 1ppm	≤ 0.5ppm
Cadmium (Cd)	≤ 1ppm	≤ 0.5ppm
Iron (Fe)	≤ 10ppm	4ppm
Sodium (Na)	≤ 0.1%	Conforms
Heavy Metals	≤ 10ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Fluoride (F)	≤ 10ppm	Conforms
Loss on Drying	≤ 2.0% (130°C)	≤ 0.1%
Assay	98.0 - 100.5 % (dried substance)	99.7%
Pharmacopoeia Specification(s)	Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2021-09-30
Re-Test Date	2030-07-25

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](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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