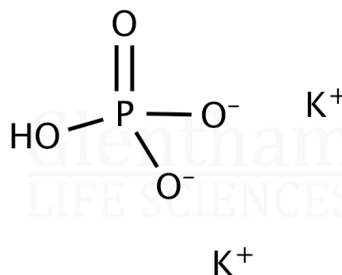


## Product Specification

Product Name	di-Potassium hydrogen phosphate, anhydrous, FCC grade
Glenthams Code	GB5130
CAS Number	7758-11-4
EINECS	231-834-5
MDL Number	MFCD00011383
Molecular Weight	174.18
Molecular Formula	$K_2HPO_4$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder, very hygroscopic
Water Insoluble Matter	≤ 0.2%
pH (1% in water)	8.7 - 9.3
Pyrophosphate	≤ 1.0%
Fluoride (F)	≤ 10ppm
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 1ppm
Phosphate (as P2O5)	40.3 - 41.5 %
Loss on Drying	≤ 2.0% (105°C, 4h)
Assay	≥ 99.0% (dried basis)

Specification Version	-	v1.0
Date Created	-	2025-03-03

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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