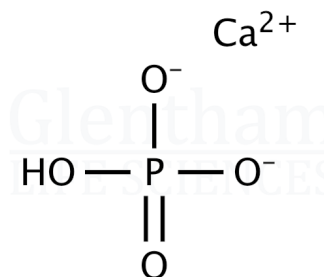


Product Specification

Product Name	Calcium phosphate dibasic, anhydrous, EP, USP grade
Glentham Code	GL2117
CAS Number	7757-93-9
EINECS	231-826-1
MDL Number	MFCD00010909
Additional CAS	7789-77-7 ($\cdot 2\text{H}_2\text{O}$)
PubChem SID	310269226
Molecular Weight	136.06
Molecular Formula	$\text{CaH}_2\text{O}_4\text{P}$
Storage Temp.	+20°C



Property	Specification
Physical Description	White powder
Identification	According to EP, USP
Assay	98.0 - 103.0 % ($\text{CaH}_2\text{O}_4\text{P}$)
Loss on Ignition	7.0 - 8.5 % (800°C)
Loss on Drying	≤ 2.0% (200°C, 3h)
pH (10% in water)	6.0 - 7.5
Aluminium (Al)	≤ 200ppm
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 0.25ppm
Cadmium (Cd)	≤ 1ppm
Iron (Fe)	≤ 400ppm
Mercury (Hg)	≤ 1ppm
Heavy Metals (as Pb)	≤ 30ppm
Barium Test	According to EP, USP
Chloride (Cl)	≤ 0.25%
Fluoride (F)	≤ 50ppm
Sulphate	≤ 0.2%
Carbonate Test	According to EP, USP
HCl Insolubles	≤ 0.2%
Pharmacopoeia Specification(s)	EP, USP

Specification Version	- v1.0
Date Created	- 2014-11-17

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025