

Product Datasheet

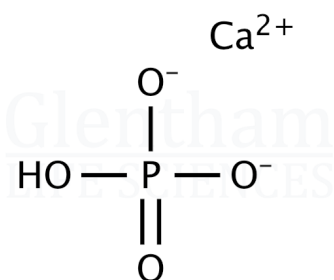
GL2117 - Calcium phosphate dibasic, anhydrous, EP, USP grade

Product Details

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
Related Categories	Biochemicals, Buffers

Structure

Molecular Weight	: 136.06
Molecular Formula	: CaHO_4P



Glentham Product Specification

Physical Description	: White powder
Identification	: According to EP, USP
Assay	: 98.0 - 103.0 % (CaHPO_4)
Loss on Ignition	: 7.0 - 8.5 % (800°C)
Loss on Drying	: $\leq 2.0\%$ (200°C , 3h)
pH (10% in water)	: 6.0 - 7.5
Aluminium (Al)	: $\leq 200\text{ppm}$
Arsenic (As)	: $\leq 1\text{ppm}$
Lead (Pb)	: $\leq 0.25\text{ppm}$
Cadmium (Cd)	: $\leq 1\text{ppm}$
Iron (Fe)	: $\leq 400\text{ppm}$
Mercury (Hg)	: $\leq 1\text{ppm}$
Heavy Metals (as Pb)	: $\leq 30\text{ppm}$
Barium Test	: According to EP, USP
Chloride (Cl)	: $\leq 0.25\%$
Fluoride (F)	: $\leq 50\text{ppm}$
Sulphate	: $\leq 0.2\%$
Carbonate Test	: According to EP, USP
HCl Insolubles	: $\leq 0.2\%$
Pharmacopoeia Specification(s)	: EP, USP
Version	: v1.0

About Calcium phosphate dibasic, anhydrous, EP, USP grade

No further details on record.

Storage

Recommended storage temperature: $+20^\circ\text{C}$.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

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