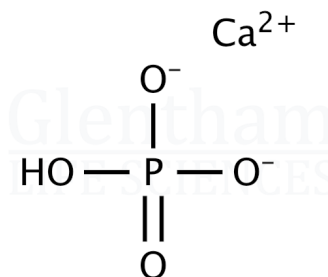


Certificate of Analysis

Product Name	Calcium phosphate dibasic, anhydrous, EP, USP grade
Glentham Code	GL2117
CAS Number	7757-93-9
EINECS	231-826-1
MDL-Nummer	MFCD00010909
Zusätzliche CAS	7789-77-7 ($\cdot 2\text{H}_2\text{O}$)
PubChem SID	310269226
Batch Number	323IPG
Molecular Weight	136.06
Molecular Formula	$\text{CaH}_2\text{O}_4\text{P}$
Storage Temp.	+20°C



Property	Specification	Batch 323IPG
Physical Description	White powder	Entspricht
Identification	According to EP, USP	Entspricht
Assay	98.0 - 103.0 % (CaHPO_4)	Entspricht
Loss on Ignition	7.0 - 8.5 % (800°C)	7.1%
Loss on Drying	$\leq 2.0\%$ (200°C, 3h)	Entspricht
pH (10% in water)	6.0 - 7.5	6.6
Aluminium (Al)	$\leq 200\text{ppm}$	Entspricht
Arsenic (As)	$\leq 1\text{ppm}$	Entspricht
Lead (Pb)	$\leq 0.25\text{ppm}$	0.19ppm
Cadmium (Cd)	$\leq 1\text{ppm}$	$\leq 0.5\text{ppm}$
Iron (Fe)	$\leq 400\text{ppm}$	Entspricht
Mercury (Hg)	$\leq 1\text{ppm}$	Entspricht
Heavy Metals (as Pb)	$\leq 30\text{ppm}$	Entspricht
Barium Test	According to EP, USP	Entspricht
Chloride (Cl)	$\leq 0.25\%$	$\leq 0.248\%$
Fluoride (F)	$\leq 50\text{ppm}$	Entspricht
Sulphate	$\leq 0.2\%$	Entspricht
Carbonate Test	According to EP, USP	Entspricht
HCl Insolubles	$\leq 0.2\%$	Entspricht
Pharmacopoeia Specification(s)	EP, USP	Entspricht

Specification Version	v1.0
Manufacture Date	2021-01-23
Re-Test Date	2028-09-01

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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