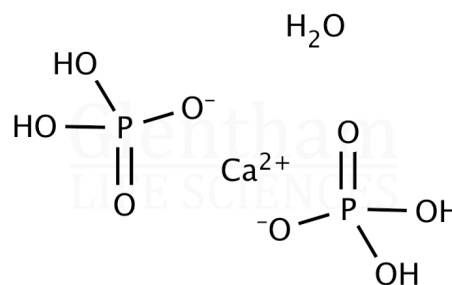


Certificate of Analysis

Product Name	Calcium phosphate monobasic monohydrate
Glentham Code	GX5985
CAS Number	10031-30-8
EINECS	231-837-1
MDL Number	MFCD00149602
Additional CAS	7758-23-8
Batch Number	248QML
Molecular Weight	252.07
Molecular Formula	$\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 248QML
Physical Description	White powder	White powder
Identification	To pass test	Conforms
P2O5 Content	55.5 - 61.1 %	59.6%
Calcium (Ca)	15.9 - 17.7 %	16.3%
Calcium Oxide (CaO)	19.0 - 24.8 %	22.9%
Loss on Drying	≤ 17.5% (105°C, 4h)	Conforms
Aluminium (Al)	≤ 200ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Lead (Pb)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Fluoride (F)	≤ 30ppm	Conforms
Assay	≥ 95% (dried basis)	Conforms

Specification Version	v1.0
Manufacture Date	2023-09-14
Re-Test Date	2031-11-01

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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