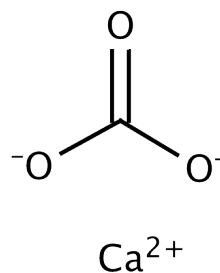


Product Specification

Product Name	Calcium carbonate, 99%, precipitated, Ph. Eur., BP, USP, FCC grade
Glentham Code	GX0868
CAS Number	471-34-1
EINECS	207-439-9
MDL Number	MFCD00010906
Molecular Weight	100.09
Molecular Formula	CaCO ₃
Storage Temp.	+20°C



Property	Specification
Physical Description	Colourless crystals or white powder
Identification	To pass all Ph. Eur., BP, USP, FCC tests
HCl Insoluble Matter	≤ 0.2%
Acid Acetic Insoluble Matter	≤ 0.2%
Magnesium and Alkali Metals	≤ 1.0% (USP test)
Heavy Metals (as Pb)	≤ 20ppm
Barium (Ba)	To pass test
Arsenic (As)	≤ 2ppm
Barium (Ba)	≤ 20ppm
Cadmium (Cd)	≤ 1ppm
Chromium (Cr)	≤ 20ppm
Copper (Cu)	≤ 10ppm
Iron (Fe)	≤ 200ppm
Lead (Pb)	≤ 3ppm
Antimony (Sb)	≤ 20ppm
Zinc (Zn)	≤ 10ppm
Mercury (Hg)	≤ 0.5ppm (traces)
Sulphate (SO ₄)	≤ 0.25%
Chloride (Cl)	≤ 0.025%
Fluoride (F)	≤ 50ppm
Residual Solvents	To comply with all limits
Loss on Drying	≤ 2.0%
Assay (Titration)	98.5 - 100.5 % (dried substance)
Pharmacopoeia Specification(s)	Ph. Eur., BP, USP
Grade	FCC

Specification Version - v1.0
Date Created - 2020-05-04

Product Specification

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 or contact us using the details above for the current version of this document.

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