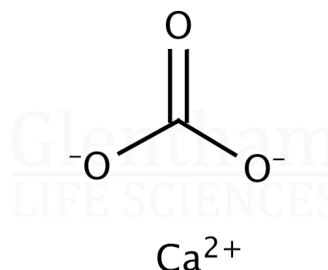


Certificate of Analysis

Product Name	Calcium carbonate, 99%, precipitated, Ph. Eur., BP, USP, FCC grade
Glenthams Code	GX0868
CAS Number	471-34-1
EINECS	207-439-9
MDL Number	MFCD00010906
Batch Number	720HYF

Molecular Weight	100.09
Molecular Formula	CaCO ₃
Storage Temp.	+20°C



Property	Specification	Batch 720HYF
Physical Description	Colourless crystals or white powder	White powder
Identification	To pass all Ph. Eur., BP, USP, FCC tests	Conforms
HCl Insoluble Matter	≤ 0.2%	≤ 0.1%
Acid Acetic Insoluble Matter	≤ 0.2%	≤ 0.1%
Magnesium and Alkali Metals	≤ 1.0% (USP test)	Conforms
Heavy Metals (as Pb)	≤ 20ppm	Conforms
Barium (Ba)	To pass test	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Barium (Ba)	≤ 20ppm	Conforms
Cadmium (Cd)	≤ 1ppm	≤ 0.2ppm
Chromium (Cr)	≤ 20ppm	Conforms
Copper (Cu)	≤ 10ppm	Conforms
Iron (Fe)	≤ 200ppm	Conforms
Lead (Pb)	≤ 3ppm	≤ 1ppm
Antimony (Sb)	≤ 20ppm	Conforms
Zinc (Zn)	≤ 10ppm	Conforms
Mercury (Hg)	≤ 0.5ppm (traces)	Conforms
Sulphate (SO ₄)	≤ 0.25%	Conforms
Chloride (Cl)	≤ 0.025%	Conforms
Fluoride (F)	≤ 50ppm	Conforms
Residual Solvents	To comply with all limits	Conforms
Loss on Drying	≤ 2.0%	1.0%
Assay (Titration)	≤ 100.5% (dried substance)	99.9%
Pharmacopoeia Specification(s)	Ph. Eur., BP, USP	Conforms
Grade	FCC	Conforms

Specification Version	v1.1
Manufacture Date	2021-09-01

Certificate of Analysis

Re-Test Date 2030-07-11

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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