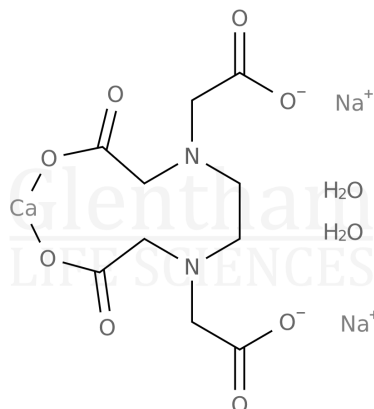


Product Specification

Product Name	EDTA calcium disodium salt dihydrate, BP, Ph. Eur., USP grade
Glentham Code	GE8581
CAS Number	6766-87-6
EINECS	200-529-9
MDL-Nummer	MFCD00148919
Zusätzliche CAS	62-33-9 (anhydrous)
Zusätzliche CAS	23411-34-9 (hydrate)
Molecular Weight	410.31
Molecular Formula	$C_{10}H_{12}N_2O_8CaNa_2 \cdot 2H_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White, hygroscopic, crystalline granules or powder
Identification (IR)	To conform to standard
Identification	To pass all BP, Ph. Eur., USP tests
Solubility (5% in water)	Clear, colourless solution
pH (20% in water)	6.5 - 8.0
Disodium Edetate	≤ 1.0%
Nitrilotriacetic Acid	≤ 0.1%
Mg Chelating Substances	To pass test
Chloride (Cl)	≤ 0.10%
Iron (Fe)	≤ 80ppm
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 2ppm
Mercury (Hg)	≤ 1ppm
Heavy Metals (as Pb)	≤ 10ppm
Water	5.0 - 13.0 %
Bacterial Endotoxins	≤ 5EU/g
Assay (Titration)	98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP

Specification Version	- v1.2
Date Created	- 2025-02-07

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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