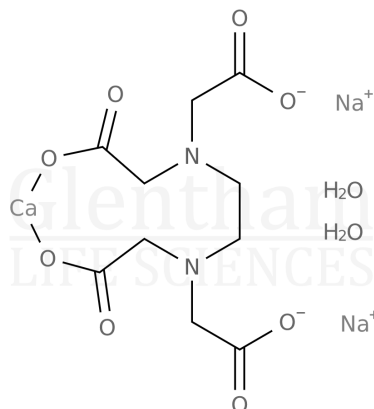


Certificate of Analysis

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)
Batch Number	250IDI
Molecular Weight	410.31
Molecular Formula	$C_{10}H_{12}N_2O_8CaNa_2 \cdot 2H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 250IDI
Physical Description	White, hygroscopic, crystalline granules or powder	White, hygroscopic, crystalline powder
Identification (IR)	To conform to standard	Entspricht
Identification	To pass all BP, Ph. Eur., USP tests	Entspricht
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
pH (20% in water)	6.5 - 8.0	7.08
Disodium Edetate	≤ 1.0%	0.57%
Nitrilotriacetic Acid	≤ 0.1%	Entspricht
Mg Chelating Substances	To pass test	Entspricht
Chloride (Cl)	≤ 0.10%	Entspricht
Iron (Fe)	≤ 80ppm	Entspricht
Arsenic (As)	≤ 1ppm	Entspricht
Lead (Pb)	≤ 2ppm	Entspricht
Mercury (Hg)	≤ 1ppm	Entspricht
Heavy Metals (as Pb)	≤ 10ppm	Entspricht
Water	5.0 - 13.0 %	9.82%
Bacterial Endotoxins	≤ 5EU/g	Entspricht
Assay (Titration)	98.0 - 102.0 % (anhydrous basis)	99.57%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP	Entspricht

Specification Version	v1.2
Manufacture Date	2022-01-26
Re-Test Date	2028-07-22

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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