

## Product Datasheet

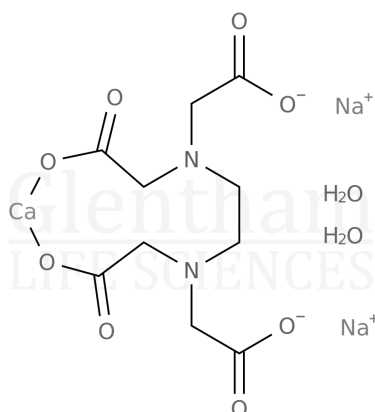
### GE8581 - EDTA calcium disodium salt dihydrate, BP, Ph. Eur., USP grade

#### Product Details

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| 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)                                          |
| Related Categories | Biochemicals                                                  |

#### Structure

Molecular Weight : 410.31  
Molecular Formula :  $C_{10}H_{12}N_2O_8CaNa_2 \cdot 2H_2O$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Eye Dam. 1

Signal Word Gefahr

Hazard Codes H318

Precautionary Codes P305+P351+P338, P310

Pictograms



#### Glentham Product 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 :  $\leq 1.0\%$

Nitrilotriacetic Acid :  $\leq 0.1\%$

Mg Chelating Substances : To pass test

Chloride (Cl) :  $\leq 0.10\%$

Iron (Fe) :  $\leq 80\text{ppm}$

Arsenic (As) :  $\leq 1\text{ppm}$

Lead (Pb) :  $\leq 2\text{ppm}$

Mercury (Hg) :  $\leq 1\text{ppm}$

Heavy Metals (as Pb) :  $\leq 10\text{ppm}$

Water : 5.0 - 13.0 %

Bacterial Endotoxins :  $\leq 5\text{EU/g}$

Assay (Titration) : 98.0 - 102.0 % (anhydrous basis)

Pharmacopoeia Specification(s) : BP, Ph. Eur., USP

Version : v1.2

#### About EDTA calcium disodium salt dihydrate, BP, Ph. Eur., USP grade

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No further details on record.