

Product Datasheet

GE3023 - EDTA disodium salt dihydrate

Not classified as dangerous for transport.

Product Details

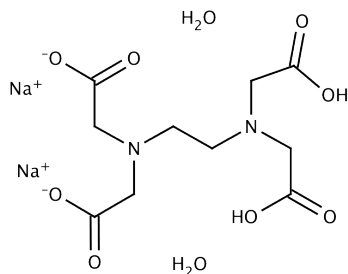
Product Name	: EDTA disodium salt dihydrate
Glentham Code	: GE3023
CAS Number	: 6381-92-6
EINECS	: 205-358-3
MDL Number	: MFCD00150037
Additional CAS	: 139-33-3
PubChem SID	: 310272505
Related Categories	: Biochemicals, Buffers, Raw Materials (IVD), Reagents for PCR, Reagents for Gel Electrophoresis of DNA/RNA, Reagents for Gel Electrophoresis of Proteins, Reagents for Cell Culture, Reagents for Northern and Southern Blotting, Reagents for Western Blotting

Glentham Product Specification

Physical Description	: White crystalline powder
pH	: 4.0 - 5.0 (50g/L in water, 25°C)
Heavy Metals	: ≤ 0.001%
Iron (Fe)	: ≤ 0.001%
Chloride (Cl)	: ≤ 0.01%
Sulphate (SO ₄)	: ≤ 0.05%
Assay	: ≥ 99.0%
Version	: v1.0

Structure

Molecular Weight	: 372.24
Molecular Formula	: C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ · 2H ₂ O



About EDTA disodium salt dihydrate

The disodium dihydrate form of EDTA, a hexadentate ligand used as a chelating agent. Due to its ability to sequester metal ions it has a wide range of uses, ranging from molecular biology to cosmetics and pharmaceutical research. In the biochemistry and molecular biology laboratory, EDTA disodium salt dihydrate can be used to deactivate enzymes when working with nucleic acids, proteins and polysaccharides. It is also used as a component in biological buffer solutions.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.

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