Glentham Life Sciences Ltd
Unit 5 Leafield Way
Corsham SN13 9SW
United Kingdom

t: +44 (0) 1225 667 798
f: +44 (0) 2033 978 909
e: info@glentham.com
w: www.glentham.com

Product Datasheet

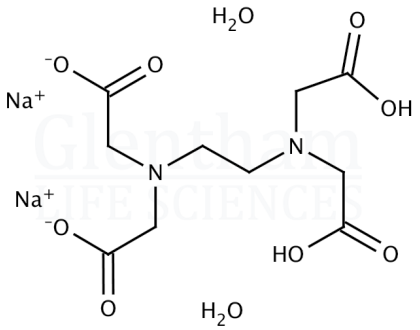
GX8832 - EDTA disodium salt dihydrate, 99%, Ph. Eur. grade

Product Details

Product Name	EDTA disodium salt dihydrate, 99%, Ph. Eur. grade
Glentham Code	GX8832
CAS Number	6381-92-6
EINECS	205-358-3
MDL Number	MFCD00150037
Additional CAS	139-33-3
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

Structure

Molecular Weight	:	372.24
Molecular Formula	:	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Acute Tox. 4, STOT RE 2
Signal Word	Warning
Hazard Codes	H332, H373
Precautionary Codes	P260
Pictograms	

Glentham Product Specification

Physical Description	:	White or almost white crystalline powder
Identification	:	A, B, C, D according to Ph. Eur.
Solubility (5% in water)	:	Clear, colourless solution
pH (5% in water)	:	4.0 - 5.5
Nitrilotriacetic Acid	:	≤ 0.1%
Iron (Fe)	:	≤ 80ppm
Heavy Metals (as Pb)	:	≤ 20ppm
Lead (Pb)	:	≤ 10ppm
Calcium (Ca)	:	To pass test
Assay	:	99.0 - 101.0 %
Pharmacopoeia Specification(s)	:	Ph. Eur.
Version	:	v1.0

About EDTA disodium salt dihydrate, 99%, Ph. Eur. grade

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.