

EDTA disodium salt dihydrate, For Molecular Biology

MB011

Product Identifier

CAS No.	:	6381-92-6
EC No.	:	205-358-3
Molecular Formula	:	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Molecular Weight	:	372.24
HS Code	:	2921 21 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
pH (5% in water at 25°C)	:	4.00 - 6.00
Heavy metals (as Pb)	:	$\leq 0.005\%$
Iron (Fe)	:	$\leq 0.01\%$
Insoluble matter	:	$\leq 0.005\%$
Nitrilotriacetic acid $[(HOCOCH_2)_3N]$	:	$\leq 0.1\%$
Assay (Complexometric Titration)	:	99.00 - 101.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	AH4410000
WGK	:	2