

## CDTA monohydrate, For Molecular Biology

**MB363**


### Product Identifier

CAS No.	:	125572-95-4
EC No.	:	236-308-9
Molecular Formula	:	C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O <sub>8</sub> .H <sub>2</sub> O
Molecular Weight	:	364.35
HS Code	:	2922 49 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White to white with a dark yellow cast powder or crystals
Solubility	:	33.3 mg soluble in 1 mL of 1N sodium hydroxide solution
DNases	:	None detected
RNases	:	None detected
Water (K.F.)	:	4.00 - 6.90%
Iron (Fe)	:	<= 0.005%
Melting range	:	213 - 216°C
Heavy metals (as Pb)	:	<= 0.001%
Residue on ignition	:	<= 0.2%
Assay (ZnCl <sub>2</sub> Titration)	:	98.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P321- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1