

## Diethylenetriaminepentaacetic acid

**MB349**

### For Molecular Biology


#### Product Identifier

CAS No.	:	67-43-6
EC No.	:	200-652-8
Molecular Formula	:	C <sub>14</sub> H <sub>23</sub> N <sub>3</sub> O <sub>10</sub>
Molecular Weight	:	393.35
Synonym	:	DTPA, Pentetic acid
HS Code	:	2922 49 90
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 1N hydrochloric acid
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern
Melting range	:	219 - 222°C
Assay (ZnCl <sub>2</sub> Titration)	:	99.00 - 102.00%

#### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H319- H332- H361fd- H373
Precautionary Statement(s)	:	P201- P202- P260- P304+P340+P312- P305+P351+P338- P308 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	MBB205000
WGK	:	2