

EDTA, Disodium Salt, Dihydrate, Molecular Biology Grade

Note that this data sheet is not lot-specific and is representative of the current specifications for this product. Please consult the vial label and the certificate of analysis for information on specific lots. Also note that shipping conditions may differ from storage conditions.

Revision	02-May-2008 RFH
Synonyms	Ethylenediaminetetraacetic Acid, 2Na
Form	White crystalline solid
CAS number	6381-92-6
RTECS	AH4410000
Chemical formula	$\text{C}_{10}\text{H}_{14}\text{N}_2\text{Na}_2\text{O}_8 \cdot 2\text{H}_2\text{O}$
Structure formula	
Contaminants	DNases, proteases, RNases: none detected
Solubility	H ₂ O (186 mg/ml or 0.5M) Adjust pH to 8.0 for complete solubilization.
Storage	+15°C to +30°C Hygroscopic
Do Not Freeze	Ok to freeze
Special Instructions	Following reconstitution, store at room temperature (20°C). Stock solutions are stable for up to 6 months at 20°C.

Toxicity	Harmful
Merck USA index	14, 3517