

Specification

Product	EDTA disodium salt dihydrate for molecular biology
Brand	GeneON GmbH
Product number	CE135, ff.
Synonym(s)	Disodium EDTA, Ethylenediaminetetraacetic acid disodium salt, Sodium edetate
Formula	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Molecular weight	372.24 g/mol
CAS number	6381-92-6
Storage	below 25°C
Retest period (months)	60
Parameter	Specification
DNases/RNases/Proteases	not detectable
Assay (titr.)	min. 99 %
pH (5 % in water, 25°C)	4.0 - 5.0
Loss on drying	max. 10.0 %
Chloride	max. 0.005 %
Sulfate	max. 0.005 %
As	max. 0.0005 %
Cu	max. 0.001 %
Fe	max. 0.0001 %
Heavy metals (as Pb)	max. 0.002 %