

328 – EDTA DISODIUM (AR GRADE)

REF NO: TBL/QA/SS/LC/328	STANDARD SPECIFICATION FOR EDTA DISODIUM, AR GRADE (AR GRADE)	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 328

PRODUCT PROPERTIES

C.A.S Number	6381-92-6
Chemical Formula	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Formula weight	372.24
Functional Uses	Edetate calcium disodium is used to treat lead poisoning. These agents also function as chelating agents in cosmetic formulations.
Standard Packaging	100gm, 500 gm, 5Kg, 25 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White free flowing powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% aq. Soln.)	4.0 – 5.5
Chloride (Cl)	NMT – 0.0005%
Sulphate (SO ₄)	NMT – 0.01%
Copper (Cu)	NMT – 0.0002%
Iron (Fe)	NMT – 0.0005%
Heavy Metals (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

