

324– ETHYLENEDIAMINE TETRAACETIC ACID (EDTA), EXTRA PURE

REF NO: TBL/QA/SS/LC/324	STANDARD SPECIFICATION FOR ETHYLENEDIAMINE TETRAACETIC ACID (EDTA), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 324

PRODUCT PROPERTIES

C.A.S Number	60-00-4
Chemical Formula	C ₁₀ H ₁₆ N ₂ O ₈
Formula weight	292.24
Functional Uses	EDTA serves as an anticoagulant for haematological cell counting and cell morphological analysis.
Standard Packaging	100 gm & 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour crystalline powder.
Solubility	Soluble in dil. Alkali soln. Very slightly soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.02%
Iron (Fe)	NMT – 0.005%
Sulphated Ash	NMT – 0.3%
Assay	NLT – 98.0%

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