

5024 – EDTA DISODIUM (FOOD GRADE)

REF NO: TBL/QA/SS/F/5098	STANDARD SPECIFICATION FOR EDTA DISODIUM (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date:07/02/2022		Product code: 5024

PRODUCT PROPERTIES

C.A.S Number	139-33-3
Chemical Formula	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Formula weight	372.24
Functional Uses	EDTA Disodium is used as Sequestrant, antioxidant synergist, preservative
Standard Packaging	25 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White, odourless crystalline granules or a white to nearly white powder.
Solubility	Freely soluble in water, practically insoluble in ethanol.
Test for Sodium	Passes test.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1 in 100 Soln.)	4.3 – 4.7
Nitrilotriacetic acid	Passes test.
Lead	NMT – 2 mg/Kg
Assay	NLT – 99.0%

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

