

541 – TRI-SODIUM CITRATE (DIHYDRATE), EXTRA PURE

REF NO: TBL/QA/SS/LC/541	STANDARD SPECIFICATION FOR TRI-SODIUM CITRATE (DIHYDRATE), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 541

PRODUCT PROPERTIES

C.A.S Number	6132-04-3
Chemical Formula	$C_6H_5Na_3O_7 \cdot 2H_2O$
Formula weight	294.10
Functional Uses	Tri-Sodium Citrate (Dihydrate) is used as alkalizing agent.
Standard Packaging	500 gm, 5 Kg & 25 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Freely soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M in H ₂ O at 25°C)	7.5 – 9.0
Chloride (Cl)	NMT – 0.001%
Sulphate (SO ₄)	NMT – 0.005%
Heavy Metal (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

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