

460 – DI-SODIUM HYDROGEN ORTHOPHOSPHATE (DIHYDRATE), EXTRA PURE

REF NO: TBL/QA/SS/LC/460	STANDARD SPECIFICATION FOR DI-SODIUM HYDROGEN ORTHOPHOSPHATE (DIHYDRATE), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 460

PRODUCT PROPERTIES

C.A.S Number	10028-24-7
Chemical Formula	Na ₂ HPO ₄ .2H ₂ O
Formula weight	177.99
Functional Uses	Di-Sodium Hydrogen Orthophosphate is used in food industry as emulsifier; texturizer; buffer agent. It is also used as a saline laxative. Used as laboratory reagent
Standard Packaging	500 gm., 5 kg & 50kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Iron (Fe)	NMT – 0.005%
Sulfate (SO ₄)	NMT – 0.005%
Lead (Pb)	NMT – 0.005%
Assay	NLT – 98.0%

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

