

459 – DI-SODIUM HYDROGEN ORTHOPHOSPHATE (ANH), EXTRA PURE

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| REF NO: TBL/QA/SS/LC/459 | STANDARD SPECIFICATION FOR DI-SODIUM HYDROGEN ORTHOPHOSPHATE (ANH), EXTRA PURE | Rev. No: 03 |
| Issue No: 04 | | Review Date: 31/10/2024 |
| Issue Date: 01/11/2021 | | Product code: 459 |

PRODUCT PROPERTIES

| | |
|---------------------------|---|
| C.A.S Number | 7558-79-4 |
| Chemical Formula | Na ₂ HPO ₄ . |
| Formula weight | 141.96 |
| 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. |
| Solubility | Soluble in water, insoluble in alcohol. |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|----------------------------|---------------|
| Loss On Drying (105°C) | NMT – 0.2% |
| Chloride (Cl) | NMT – 0.001% |
| Iron (Fe) | NMT – 0.0005% |
| Sulfate (SO ₄) | NMT – 0.005% |
| Calcium (Ca) | NMT – 0.001% |
| Assay | NLT – 99.0% |

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

