5019 – di-SODIUM HYDROGEN PHOSPHATE (ANH.) (FOOD GRADE)

REF NO: TBL/QA/SS/F/5019	STANDARD SPECIFICATION FOR di-SODIUM HYDROGEN PHOSPHATE (ANH.) (FOOD GRADE)	**Rev. No:** 03
Issue No: 04		**Review Date:** 06/02/2025
Issue Date:07/02/2022		**Product code:** 5019

PRODUCT PROPERTIES

C.A.S Number	NA
Chemical Formula	NA
Formula weight	NA
Functional Uses	Emulsifier, texturizer, buffer
Standard Packaging	50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White, hygroscopic, odourless powder.
Solubility	Freely soluble in water; insoluble in ethanol.
Test for Sodium	Passes test.
Test for Phosphate	Passes test.
Test for orthophosphate	Passes test.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (40 ^{0}C, 3 h, then 105 ^{0}C, 5 h)	NMT – 5.0%
Water insoluble substances	NMT – 0.2%
Fluoride	NMT – 50 mg/Kg
Arsenic	NMT – 3 mg/Kg
Lead	NMT – 4 mg/Kg
Assay, after drying	NLT – 98.0%

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