

5022 – di-CALCIUM PHOSPHATE (DIHYDRATE) (FOOD GRADE)

REF NO: TBL/QA/SS/F/5022	STANDARD SPECIFICATION FOR DI-CALCIUM PHOSPHATE (DIHYDRATE) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date:07/02/2022		Product code: 5022

PRODUCT PROPERTIES

C.A.S Number	NA
Chemical Formula	NA
Formula weight	NA
Functional Uses	NA
Standard Packaging	25Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystals or granules, granular powder or powder.
Solubility	Sparingly soluble in water; insoluble in ethanol.
Test for Calcium	Passes
Test for Phosphate	Passes

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (200°C , 3 h)	18 -22%
Fluoride	NMT - 50 mg/kg
Arsenic	NMT - 3 mg/kg
Lead	NMT - 4 mg/kg
Assay (DWB)	98.0 - 102%

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

