

5016 – CALCIUM PHOSPHATE (TCP) (FOOD GRADE)

REF NO: TBL/QA/SS/F/5016	STANDARD SPECIFICATION FOR CALCIUM PHOSPHATE (TCP) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: 5016

PRODUCT PROPERTIES

C.A.S Number	7758-87-4
Chemical Formula	Ca ₃ O ₈ P ₂
Formula weight	310.17
Functional Uses	Tri- Calcium Phosphate is used as anticaking agent, buffer.
Standard Packaging	25Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White amorphous powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Iron (Fe)	NMT – 0.002%
Loss on Ignition	NMT – 0.1%
Chloride (Cl)	NMT – 0.05%
Lead (Pb)	NMT – 0.0005%
Sulphate (SO ₄)	NMT – 0.01%
Zinc (Zn)	NMT – 0.005%
Assay (As Calcium)	34.0 – 40.0%

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

