

163 – CALCIUM PHOSPHATE TRIBASIC

REF NO: TBL/QA/SS/LC/163	STANDARD SPECIFICATION FOR CALCIUM PHOSPHATE TRIBASIC	Rev. No: 03
Issue No: 04		Review Date: 25/10/2024
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PRODUCT PROPERTIES

C.A.S Number	7758-87-4
Chemical Formula	Ca ₃ (PO ₄) ₂
Formula weight	310.20
Functional Uses	Calcium Phosphate Tribasic is used across many industries - toothpaste, antacids, bone grafting material, baby powder, water filtration, nutritional supplements and ceramic coatings and as laboratory reagent.
Standard Packaging	500 gm, 5 Kg, 50 Kg.

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	NLT – 97.0%

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

