



SPECIFICATIONS
GRADE: USP

PRODUCTS NAME		:	TRI CALCIUM PHOSPHATE USP
CAS NO.		:	7758-87-4
Sr. No.	TEST PARAMETER		SPECIFICATION
1.	Appearance		White, odorless, tasteless powder.
2.	Solubility		Practically insoluble in water; Readily soluble in 3 N hydrochloric acid and in 2 N nitric acid; insoluble in alcohol.
3.	Identification A A yellow precipitate is formed Identification B A white precipitate is formed		To Pass test To Pass test
4.	Assay %		NLT 34.0 % and NMT 40.0 %
5.	Chlorides (Cl)		NMT 0.14 %
6.	Sulfate		NMT 0.8 %
7.	Arsenic		NMT 3 ppm
8.	Barium		To Pass Test
9.	Carbonate		No effervescence is produced
10.	Acid-insoluble substances		NMT 0.2 %
11.	Dibasic salt and calcium oxide		13.0–14.3 mL of 1 N hydrochloric acid is consumed for each g of salt, calculated on the ignited basis.
12.	Limit of Fluorides		NMT 75 ppm
13.	Limit of Nitrate		The blue color persists for NLT 5 min.
14.	Water-soluble substances		NMT 0.5%
15.	Loss on ignition		NMT 8.0 %