



SPECIFICATIONS
GRADE: USP

PRODUCTS NAME		: DI CALCIUM PHOSPHATE DIHYDRATE USP
CAS NO.		: 7789-77-7
Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White, odorless, tasteless powder. Is Stable in air.
2.	Solubility	Practically insoluble in water; Soluble in 3 N hydrochloric acid and in 2 N Nitric acid; insoluble in alcohol.
3.	Identification A A white precipitate is produced Identification B A yellow precipitate of a ammonium phosphor molybdate is formed.	To Pass Test To Pass Test
4.	Assay	98.0 % - 105.0 %
5.	Carbonates	No effervescence Occurs
6.	Chlorides	NMT 0.25 %
7.	Sulphate	NMT 0.5%
8.	Arsenic	NMT 3 µg/g
9.	Barium	No turbidity is Produced within 10 min
10.	Limit of Acid-Insoluble Substance	NMT 0.2%
11.	Limit of Fluoride	NMT 50 ppm
12.	Loss on Ignition	24.5% - 26.5 %