RADEEP PHARMA LLP
Survey No. 143, Tundav–Anjesar Road
Post: Tundav, Taluka: Savli
Vadodara – 391775, Gujarat (India)
Email: info.radeep@gmail.com, www.radeeppharma.com

Product Data Sheet

Product Name	**Anhydrous Dibasic Calcium Phosphate USP**
Molecular Formula	CaHPO4
Molecular Weight	136.06 g/mol
CAS No.:	7757-93-9

Specification:

1	Description	White or almost white powder
2	Solubility	practically insoluble in water, soluble in dilute hydrochloric acid and nitric acid
3	Identification A	Gives reaction of Calcium
4	Identification B	Gives reaction of Phosphate
5	Assay (on dried basis)	97.5% to 102.5% of CaHPO4
6	Loss on Ignition	6.6% - 8.7%
7	Acid Insoluble Substances	NMT 0.2 %
8	Carbonates	No effervescence with acid
9	Chlorides	NMT 0.25%
10	Sulphates	NMT 0.5%
11	Fluorides	NMT 100 ppm
12	Iron	NMT 400 ppm
13	Arsenic	Passes test
14	Barium	No turbidity produced
15	Heavy Metals	Complies with USP requirements
16	pH (10% suspension)	6.5 – 7.5