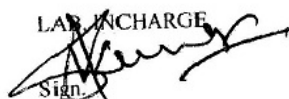


TECHNICAL DATA SHEET (TDS)**Item Name - TRI CALCIUM PHOSPHATE**

S.No.	Tests	Standards
01	Appearance	White Crystalline Powder, odourless
02	Solubility	Practically insoluble in water, Alcohol. Soluble in dilute Hydrochloric Acid and Nitric Acid
03	Identification	To confirm Test A
		Test B
04	Acid Insolubles	Not more than 0.3%
05	Carbonate	No effervescences produced
06	Chlorides	Not more than 0.25%
07	Sulphates	Not more than 0.6%
08	Nitrate	The blue colour does not disappear
09	Arsenic	Not more than 3 ppm
10	Lead (Pb)	Not more than 2 ppm
11	Iron	Not more than 200 ppm
12	Barium	distilled water treated in the same manner.
13	Moisture % by weight max	Not more than 2 %
14	Heavy metals	Not more than 40 ppm method A
15	Loss on Ignition	Not more than 8.0%
16	Proteinus Impurities	No change in colour is observed & no unpleasant odour is emitted.
17	Assay % by purity min ac (Ca %) min	Not less than 30%
18	Assay % by purity min	90.0% to 100.5% of Ca ₃ (Po ₄) ₂
19	Bulk density [Tapped]	Not less than 0.8 gm/ml

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