

Product Information

TRICALCIUM PHOSPHATE

(As per I.P Specifications)

DESCRIPTION	USES																				
<p>Tricalcium Phosphate is a white, odorless, tasteless powder. It is Stable in air.</p> <p>NON – HYGROSCOPIC POWDER</p> <p>NOMENCLATURE Tricalcium Phosphate Tribasic calcium Phosphate Calcium phosphate tri basic Tricalcium orthophosphate</p> <p>FORMULA Ca₃(PO₄)₂</p> <p>FORMULA WEIGHT 310</p> <p>CAS INDEX NAME Phosphoric Acid , Calcium Salt 7758-87-4</p> <p>E NUMBER 341 iii</p> <p>STORAGE Store at room temperature</p> <p>SPECIFICATIONS</p> <table> <tr> <td>Assay Ca₃(PO₄)₂</td> <td>90 % min</td> </tr> <tr> <td>Loss on Ignition</td> <td>8.0 % max</td> </tr> <tr> <td>Sulfates , SO₄</td> <td>0.5 % max</td> </tr> <tr> <td>Heavy Metals, Pb</td> <td>0.001 % max</td> </tr> <tr> <td>Iron</td> <td>0.04 % max</td> </tr> <tr> <td>Acid Insoluble</td> <td>0.1% max</td> </tr> <tr> <td>Water</td> <td>2.5% max</td> </tr> </table>	Assay Ca ₃ (PO ₄) ₂	90 % min	Loss on Ignition	8.0 % max	Sulfates , SO ₄	0.5 % max	Heavy Metals, Pb	0.001 % max	Iron	0.04 % max	Acid Insoluble	0.1% max	Water	2.5% max	<p>Cereals Flow conditioner for powdered materials such as icing sugar & dry base sugar for soups and drinks</p> <p>Ceramic Ceramic opacifier</p> <p>Dentifrice As a Polishing Agent</p> <p>Pharmaceuticals In the manufacture of Pharmaceuticals Tablets & as a source of calcium & phosphorus in nutrition supplement.</p> <p>Food Fortification of cereals and other processed foods.</p> <p>SHELF LIFE 36 months</p> <p>LABEL DECLARATION Tricalcium Phosphate</p> <p>MANUFACTURING LOCATION Ambala, Haryana, INDIA</p> <p>SHIPPING POINTS New Delhi, Mumbai</p> <p>PACKING 25 Kgs net weight HDPE Sacks with liners</p> <p>TYPICAL PROPERTIES</p> <table> <tr> <td>pH</td> <td>5.0 to 7.5</td> </tr> <tr> <td>Calcium</td> <td>34.0% to 40.0%</td> </tr> <tr> <td>Organic impurities</td> <td>Absent</td> </tr> </table> <p>Practically insoluble in water but readily soluble in dilute Hcl & Nitric Acid, insoluble in alcohol.</p>	pH	5.0 to 7.5	Calcium	34.0% to 40.0%	Organic impurities	Absent
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Correspondence Address: # 82 A, Model Town, Ambala City 134003, Haryana, INDIA
Works: Kalerheri Road, Village Kalerheri, Ambala Cantt 133001, Haryana, INDIA
 Telephone: +91 989 688 8885, +91 856 996 8518, Email: contact.us@biopharmaindia.com