

Product Information

DI-CALCIUM PHOSPHATE, DIHYDRATE

(As per I.P Specifications)

<p>DESCRIPTION Dicalcium Phosphate Dihydrate is, Crystalline white, odorless, tasteless powder. It is Stable in air</p> <p>NON – HYGROSCOPIC POWDER</p> <p>NOMENCLATURE Dicalcium Phosphate , Dihydrate Dibasic calcium Phosphate , Dihydrate</p> <p>FORMULA CaHPO₄.2H₂O</p> <p>FORMULA WEIGHT 172.04</p> <p>CAS INDEX NAME Phosphoric Acid, Calcium Salt (1:1)</p> <p>E NUMBER 341 (i)</p> <p>STORAGE Store at room temperature</p> <p>SPECIFICATIONS</p> <table border="0"> <tr> <td>Assay CaHPO₄.2H₂O</td> <td>98% - 105%</td> </tr> <tr> <td>Loss on Ignition</td> <td>24.5 to 26.5 %</td> </tr> <tr> <td>Arsenic</td> <td>3 ppm Max</td> </tr> <tr> <td>Heavy Metals</td> <td>10 ppm Max</td> </tr> <tr> <td>Moisture</td> <td>5 % Max</td> </tr> <tr> <td></td> <td>At 500 Vaccum & 60 °C</td> </tr> <tr> <td>Acid Insoluble Ash</td> <td>0.2% Max</td> </tr> </table>	Assay CaHPO ₄ .2H ₂ O	98% - 105%	Loss on Ignition	24.5 to 26.5 %	Arsenic	3 ppm Max	Heavy Metals	10 ppm Max	Moisture	5 % Max		At 500 Vaccum & 60 °C	Acid Insoluble Ash	0.2% Max	<p>USES Dentifrice As a Polishing Agent Pharmaceuticals In the manufacture of Pharmaceuticals Tablets & as a source of calcium & phosphorus in nutrition supplement. Food Fortification of cereals and other processed foods.</p> <p>SHELF LIFE 36 months</p> <p>LABEL DECLARATION Dicalcium Phosphate, Dihydrate</p> <p>MANUFACTURING LOCATION Ambala, Haryana, INDIA</p> <p>SHIPPING POINTS Mundra , Gujarat, India</p> <p>PACKING 25 Kgs net weight HDPE Sacks</p> <p>TYPICAL PROPERTIES</p> <table border="0"> <tr> <td>pH (10% Solution)</td> <td>6.0 to 8.0</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 (10% Solution)	6.0 to 8.0	Organic impurities	Absent
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