



VIKRAM INDUSTRIES

TECHNICAL DATA SHEET

DI BASIC CALCIUM PHOSPHATE (DCP)-ANHYDROUS

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Description	White crystalline powder tasteless odorless	Complies
Identification	To confirm test for Calcium & Phosphorus	Complies
Solubility	To confirm test	Complies
Acid insoluble substances	Not More Than 0.1%	Less then 0.1%
Sulphate	Not More Than 0.5%	Less then 0.5%
Chloride	Not More Than 0.125%	Less then 0.125%
Iron	Not More Than 400 PPM	Less then 400 ppm
Heavy Metal	Not More Than 40 PPM	Less then 20 ppm
Arsenic	Not More Than 10 PPM	Less then 5 ppm
Carbonate	Absent	Complies
Barium	Absent	Complies
Nitrate	Absent	Complies
Reducing Substances	Absent	Complies
Proteinous Impurities	Absent	Complies
Monocalcium & Tricalcium Phosphate	Not Less Than 14.00 ml & Not More Than 15.5 ml	14.9 ml
Assay	Not Less Than 98.0% & Not More Than 105.0%	100.66%
Loss on Ignition	Not Less Than 6.5% & Not More Than 8.5%	7.42%
Particle size		98% ,200 mesh
Bulk Density (L/T) g/cc		0.73 / 0.81
Free Moisture	NMT 1.0%	Less than 1.0%
Total Microbial Count	NMT 100/ gm	Complies
Pathogens	Absent	Complies

METHODS OF PRODUCTIONS

- ⊞ Vikram Industries Produce's DCP only from best quality beneficiated ROCK PHOSPHATE MINERAL.
- ⊞ The product is of superior quality, physically & microbiologically stable, chemically pure and therapeutically active during its self life .It is far superior to the bone based D.C.P. obtained as waste product by the Gelatin Industries.

GRADES

- ⊞ The product DCP manufactured in various grades like Animal Feed, Food Grade, and Dentifrice.
- ⊞ Vikram Industries can alter its products as per customer specifications.



VIKRAM INDUSTRIES

TECHNICAL DATA SHEET

APPLICATIONS

PHARMACEUTICAL	ANIMAL FEED & VETERINARY
As a pharmaceutical Aid (Excipient)	As a part of Mineral Mixture.
As a diluents cum carrier for Capsules.	As a source of Calcium and phosphorous in Animal and Poultry Feed.
As a chemotherapeutic agent in Tablets.	As a component of Veterinary medicines.
In syrup/enzyme formulations.	As a veterinary animal health products
Base for vitamin premixes.	As a diluents base for Vitamin Premixes feed.
Nutritional supplements as a source of Calcium and Phosphorus.	Nutritional supplements as a source of Calcium and Phosphorus.

Food	Dental Care & Glass Ceramic
Nutritional supplements as a source of Calcium and Phosphorus.	As a polishing agent in toothpaste and tooth powder.
As a Non toxic food protectant, absorbent of flavors and Fragrances.	As a binding Agents in Glass-Ceramic Industry.
In health food as a mineral supplements in cereals and other food.	

STORAGE

Its storage stability is good enough provided it is stored in a cool and dry place.

HANDLING

⊕ DCP is substantially free from handling problems. Avoid creating dusty conditions because of possibility of respiratory.

OUR STATEMENT

⊕ The statements made in the above documents are correct to the best of our knowledge and belief. VIKRAM INDUSTRIES gives no warranty as to their accuracy and will not be responsible for any loss or expenses arising from use of these products.

OUR OFFICE

REGD. & EXORT OFFICE	FACTORY	REGIONAL OFFICE
106, Bhagat Singh Chowk, Hanumangarh Jn. – 335512 Rajasthan (INDIA) Tel.: +91-1552-265677,263210 FAX: +91-1552-261110 Email: amit_khadgawat@hotmail.com Website: www.khadgawatsgroup.com	G ₁ -101,RIICO Industrial Area, Bagru (EXT.), Jaipur. Rajasthan (INDIA) Tel.: +91-141-2221170 Fax: +91-141-2223013	