



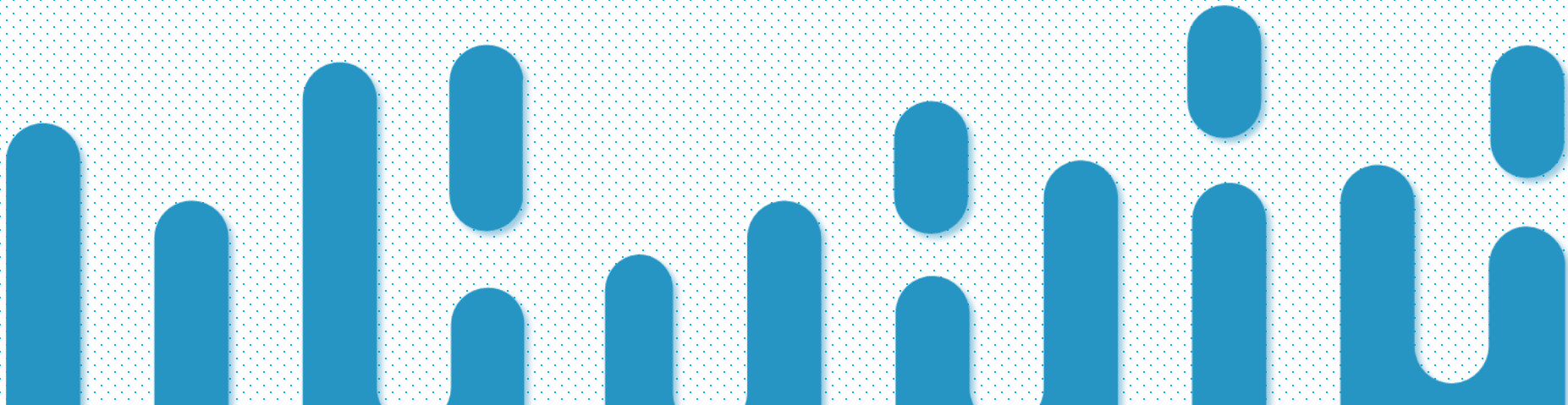
TIRUMALA INORGANICS

ISO 9001-2015 AND GMP CERTIFIED MANUFACTURER

ABOUT US

Tirumala Inorganics is an ISO 9001-2015 & GMP Certified company which has provided quality products of pharmaceutical excipients in Indian Pharma Grade (IP), British Pharma Grade (BP) and US Pharma Grade (USP) for almost 15 years. We are a professional in manufacturing and marketing company engaged in sourcing and supplying a wide range of high quality chemicals for pharmaceutical, food additives and animal feed.

Incorporated in 2007, Tirumala inorganics stands tall today with large manufacturing capacity of highest quality of excipients per month, hence contributing to the society. This enormous feat has been possible due to our years long mission and vision of providing best quality products with fair pricing and striving for client satisfaction.



OUR PRODUCTS

1

**Di Calcium Phosphate
Dihydrate
IP/BP/USP/FOOD**

2

**Di Calcium Phosphate
Anhydrous
IP/BP/USP/FOOD**

3

**Tri Calcium Phosphate
IP/BP/USP/FOOD/FEED**

4

**Calcium Carbonate
IP/BP/USP/FOOD/FEED**

5

**Precipitated Calcium
Carbonate IP**

6

**Purified Talc
IP/BP/USP/FOOD**

7

**Microcrystalline
Cellulose Powder
IP/Normal**

8

**Magnesium Stearate
Pharma**

9

**Calcium Sulphate
BP/USP**

Di Calcium Phosphate Dihydrate



Di Calcium Phosphate Di Hydrate is a chemical compound with molecular formula H_5CaO_6P with a molar mass of 172.086 g/mol. It is a white colored odorless powder. It is highly pure in nature and can be availed at reasonable rates in bulk for our trusted clients.

Product Details:

Grade	IP/BP/USP/FOOD
Mesh Size	100 mesh
Description	A white odorless powder

Applications:

Pharmaceutical	As calcium supplement in tablets
Food	As nutritional supplement: in biscuit, breakfast cereals, and infant formula to enhance nutrition
	As buffering agent: in noodles and baked food to improve texture
Cosmetics	As pH regulator: in toothpastes to maintain the desired pH environment
	As Friction agent: in toothpastes to improve cleaning efficiency
Dentifrice	As a polishing agent



Di Calcium Phosphate Anhydrous

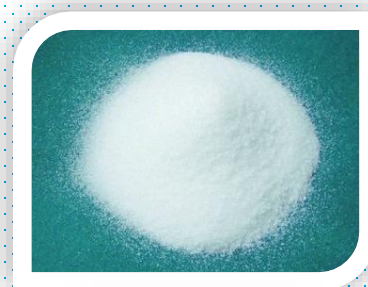
Di Calcium Phosphate Anhydrous is the calcium phosphate with the formula CaHPO_4 with a molar mass of 136.06 g/mol. It is a white colored odorless powder. It is highly pure in nature and can be availed at reasonable rates in bulk for our trusted clients.

Product Details:

Grade	IP/BP/USP/FOOD
Mesh Size	100 mesh
Description	A white odorless powder

Applications:

Pharmaceutical	As calcium supplement in tablets
Food	As nutritional supplement: in biscuit, breakfast cereals, and infant formula to enhance nutrition
	As buffering agent: in noodles and baked food to improve texture
Cosmetics	As pH regulator: in toothpastes to maintain the desired pH environment
	As Friction agent: in toothpastes to improve cleaning efficiency
Dentifrice	As a polishing agent



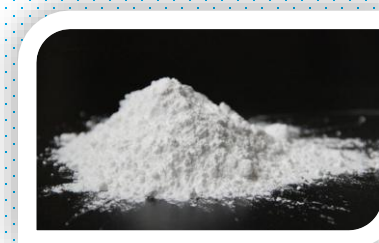
Tri Calcium Phosphate



Tri Calcium Phosphate (sometimes abbreviated TCP) is a calcium salt of phosphoric acid with the chemical formula $\text{Ca}_3(\text{PO}_4)_2$. It is also known as tribasic calcium phosphate and bone phosphate of lime.

Product Details:	
Grade	IP/BP/USP/FOOD/FEED
Mesh Size	100 mesh
Description	A white odorless powder Physically insoluble in water & alcohol

Applications:	
Pharmaceutical	in the treatment of bone defects
Food	As nutritional supplement: in biscuit, breakfast cereals, and infant formula to enhance nutrition
	As buffering agent: in noodles and baked food to improve texture
Cosmetics	As pH regulator: in toothpastes to maintain the desired pH environment
	As Friction agent: in toothpastes to improve cleaning efficiency
Animal Feed	in feed additive to add Calcium and Phosphorus to promote bone growth.



Calcium Carbonate

Calcium Carbonate is a chemical compound with molecular formula CaCO_3 . It is a common substance found in rocks as the minerals calcite and aragonite (most notably as limestone, which is a type of sedimentary rock consisting mainly of calcite).

Product Details:

Grade	IP/BP/USP/FOOD/FEED
Mesh Size	300 mesh
Description	A white odorless powder

Applications:

Pharmaceutical	Tablet and Capsule filler and diluent
Food	used in nutrition health food industry, such as meat products and noodles products, milk powder, milk tablets, beverages
Industrial	paper, plastic and rubber industry
Animal Feed	as animal nutrition supplement, especially in the preparation of industrial livestock.



Precipitated Calcium Carbonate

Precipitated Calcium Carbonate is also known as purified, refined or synthetic calcium carbonate. It has the same chemical formula as Calcium Carbonate: CaCO_3 . This is processed using high quality lime stones. Our provided chemical has no harmful contaminants, is high on effectiveness and has no side effect.

Product Details:

Grade	IP
Mesh Size	300 mesh
Description	A white odorless powder

Applications:

Pharmaceutical	Tablet and Capsule filler and diluent
Food	used in nutrition health food industry, such as meat products and noodles products, milk powder, milk tablets, beverages
Industrial	paper, plastic and rubber industry
Animal Feed	as animal nutrition supplement, especially in the preparation of industrial livestock.



Purified Talc

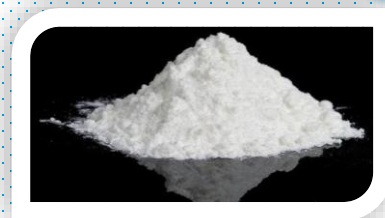
Talc is a clay mineral composed of hydrated magnesium silicate with the chemical formula $Mg_3Si_4O_{10}(OH)_2$.

Product Details:

Grade	IP/BP/USP/FOOD
Mesh Size	500 mesh
Description	A white or almost white powder free grittiness, readily adheres to the skin, unctuous to the touch odourless

Applications:

Pharmaceutical	can be used as the best inert filler, dry powder formulation
Food	usage in starch, starch mixtures, chocolates, baked goods, powdered dried fruits, rice, cheese, seasoning and table salt.
Cosmetics	used as filler in many cosmetics products and as an absorbent from and excessive skin oil in powdered form. Typical cosmetic powders containing talc are eye shadows, dusting powder.
Industrial	used in textiles, soap, insulating materials, paints, asphalt filler and paper



Microcrystalline Cellulose

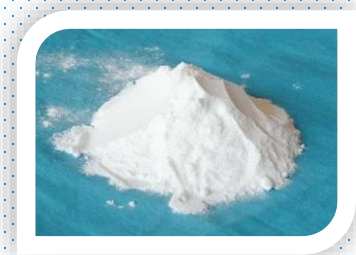
Microcrystalline Cellulose Powder is a chemical compound with molecular formula $C_6H_{10}O_5$. The different properties of MCC are measured to qualify its suitability to pharma and industrial utilization, namely particle size, density, compressibility index, powder porosity, hydration swelling capacity.

Product Details:

Grade	IP/Normal
Mesh Size	100 mesh
Description	A fine or granular, white or almost white powder; odourless.

Applications:

Pharmaceutical	used in vitamin supplements or tablets.
Cosmetics	as an abrasive, absorbent, anti-caking agent, aqueous viscosity increasing agent, binder, bulking agent, emulsion stabilizer, slip modifier, and texturizer



Magnesium Stearate

Magnesium Stearate is a chemical compound with molecular formula $Mg(C_{18}H_{35}O_2)_2$. Magnesium stearate is a white, water-insoluble powder. Its applications exploit its softness, insolubility in many solvents, and low toxicity. It is used as a release agent and as a component or lubricant in the production of pharmaceuticals and cosmetics

Product Details:

Grade	PHARMA
Mesh Size	100 mesh
Description	A very fine light, White powder, Odourless or very faint odour of stearic acid, Unctuous and free from grittiness.

Applications:

Pharmaceutical	anti-adherent in the manufacture of medical tablets, capsules, and powders.
Cosmetics	It acts as a bulking agent, an anti-caking agent, a colorant, and more.



Calcium Sulphate

Calcium Sulphate is the inorganic compound with the formula CaSO_4 and related hydrates. In the form of γ -anhydrite (the anhydrous form), it is used as a desiccant. One particular hydrate is better known as plaster of Paris, and another occurs naturally as the mineral gypsum. It has many uses in industry. All forms are white solids that are poorly soluble in water.

Product Details:

Grade	BP/USP
LOI	22.30%
Description	A white powder

Applications:

Pharmaceutical	used as a diluent because it makes an excellent inert extender while also serving as a dietary calcium supplement.
Food	Used as coagulant, preservative and oxidiser in baked food items
Cosmetics	Used as a color additive, opacifier and binder.



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