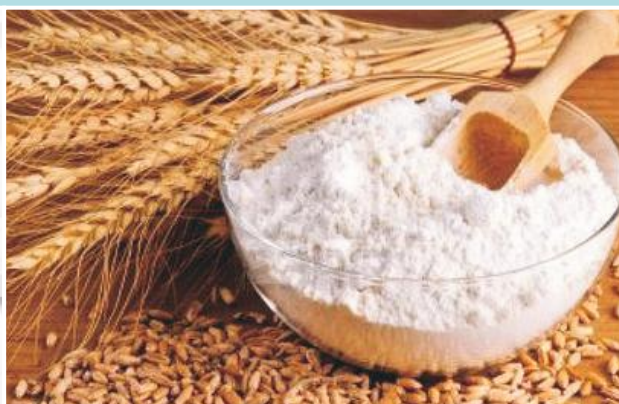


# ZoCarb

Pure and Natural Calcium Carbonate



## CALCIUM CARBONATE FOOD & PHARMA GRADE



*High-purity calcium carbonate for high-quality food, beverage,  
nutritional & pharmaceutical products.*

*fssai*

FCC

NEELKANTH FINECHEM LLP



# CALCIUM CARBONATE FOOD GRADE



## MARKET LEADERSHIP

A passion for serving our customers with the highest quality calcium products backed by superior technical and customer service has driven Neelkanth Finechem LLP to create a market leading FCC and USP/BP/ IP/ EP/JP calcium carbonate business. As a producer of both calcium carbonate powders and granulations, we have control over the quality and reliability of our supply chain.

Pure and natural Zocarb calcium carbonate is available in powder form - in FCC and USP/BP/IP/EP/JP grades. Zocarb offers a combination of outstanding performance, high purity and exceptional value.

## Inhouse R & D, Testing Laboratory



## The Neelkanth Finechem LLP's "Zocarb" Pure and Natural Calcium Carbonate Advantage

To be confident in your calcium carbonate, you must be satisfied with its quality. Whether you are fortifying food products, producing other calcium salts or manufacturing pharmaceutical or dietary supplement dosage forms, your formulation begins with a calcium carbonate product that offers extremely high purity. Every time. That's Zocarb pure and natural calcium carbonate.

Neelkanth Finechem LLP's Zocarb gives you a higher calcium carbonate assay - typically greater than 98%. This degree of purity is why food companies, calcium salts producers and pharmaceutical and dietary supplement manufacturers have come to rely on Zocarb pure and natural calcium carbonate.

## Independently Verified Quality

Historically, formulators have had to choose between ground calcium carbonate (GCC) for its cost advantage and Precipitated Calcium Carbonate for its purity. Now with Zocarb pure and natural calcium carbonate, formulators can choose a cost-effective product without compromising quality. Independent analysis has validated the Zocarb quality advantage.

For the granulator, Zocarb provides an overall better value as a source of calcium for supplements and pharmaceuticals. For manufacturers of calcium salts other than calcium carbonate, Zocarb products offer a high purity high performance raw material.

## GMP Complied Modern Infrastructure





### Typical Chemical Analysis of Neelkanth Finechem LLP "Zocarb" Precipitated Calcium Carbonate products

Parameters	Zocarb- L (Food Grade)	PHARMA GRADE				
		I.P.	B.P./E.P.	U.S.P	J.P.	
Calcium carbonate	NLT 98%	NLT 98%	NLT 98.5%	NLT 98%	NLT 98.5%	
magnesium and Alkali Salts	NMT 1.0%	NMT 1.0%	NMT 1.5%	NMT 1.0%	NMT 1.0%	
Acid Insoluble's	NMT 0.2%	NMT 0.2%	NMT 0.2%	NMT 0.2%	NMT 0.2%	
Loss on Drying	NMT 2.0%	NMT 2.0%	NMT 2.0%	NMT 2.0%	NMT 1.0%	
Lead	NMT 3 PPM	-	-	NMT 3 PPM	-	
Arsenic	NMT 3 PPM	NMT 4 PPM	NMT 4 PPM	NMT 3 PPM	NMT 5 PPM	
Fluoride	NMT 50 PPM	-	-	NMT 50 PPM	-	
Mercury	-	-	-	0.5 µ / gm	-	
Heavy Metals	-	NMT 20 PPM	NMT 20 PPM	NMT 20 PPM	NMT 20 PPM	
Chlorides	-	NMT 250 PPM	NMT 330 PPM	-	-	
Sulfates	-	NMT 0.3%	NMT 0.25%	-	-	
Particle Size Analysis- Residue on 200 mesh	Nil	Nil	Nil	Nil	Nil	
Bulk Density (gm/ml)	Tapped	0.45 to 0.55	0.45 to 0.55	0.45 to 0.55	0.45 to 0.55	0.45 to 0.55
	Loose	0.25 to 0.35	0.25 to 0.35	0.25 to 0.35	0.25 to 0.35	0.25 to 0.35

### Typical Chemical Analysis of Neelkanth Finechem LLP "Zocarb" Ground Calcium carbonate products

Parameters	Zocarb- H10 (Food Grade)	Zocarb - H50 (Food Grade)	PHARMA GRADE			
			I.P.	B.P./E.P.	U.S.P	
Calcium carbonate	NLT 98%	NLT 98%	NLT 98%	NLT 98.5%	NLT 98%	
magnesium and Alkali Salts	NMT 1.0%	NMT 1.0%	NMT 1.0%	NMT 1.5%	NMT 1.0%	
Acid Insoluble's	NMT 0.2%	NMT 0.2%	NMT 0.2%	NMT 0.2%	NMT 0.2%	
Loss on Drying	NMT 2.0%	NMT 2.0%	NMT 2.0%	NMT 2.0%	NMT 2.0%	
Lead	NMT 3 PPM	NMT 3 PPM	-	-	NMT 3 PPM	
Arsenic	NMT 3 PPM	NMT 3 PPM	NMT 4 PPM	NMT 4 PPM	NMT 3 PPM	
Fluoride	NMT 50 PPM	NMT 50 PPM	-	-	NMT 50 PPM	
Mercury	-	-	-	-	0.5 µ / gm	
Heavy Metals	-	-	NMT 20 PPM	NMT 20 PPM	NMT 20 PPM	
Chlorides	-	-	NMT 250 PPM	NMT 330 PPM	-	
Sulfates	-	-	NMT 0.3%	NMT 0.25%	-	
Particle Size Analysis- Residue on 500 mesh	Nil	Nil	Nil	Nil	Nil	
Bulk Density (gm/ml)	Tapped	0.8 to 1.0	1.3 to 1.4	0.8 to 1.0	0.8 to 1.0	0.8 to 1.0
	Loose	0.5 to 0.6	0.9 to 1.0	0.5 to 0.6	0.5 to 0.6	0.5 to 0.6

Note:- particle size and Bulk density can be customized as per customer / requirement

## Regulatory Status :

Zocarb food grade product meet all requirements of the Food Chemicals codex 11th Edition.

## Packaging and Manufacturing :

Zocarb food grade products are packaged in 25/50 double HDPE bags. The standard shipping unit is a pallet of 20 bags a total of 1000 kgs. Pallets include slipsheets and shrinkwrap.

## Uses :

- To enhance texture in rice cracker, chewing gum and snacks.
- As a calcium addition in confectionery bread, dairy products, bun, yogurt; and in raw Chinese noodle, fish paste products and instant noodle.
- Like an effervescent powder drinks like in milk powder, milk based drinks and powdered juice.
- It is utilized to enhance pliability like a fish paste items and fish ham.
- Like a clarification aid like for wheat flour and starch.
- Like an anti-lumping or anti-caking of taste and spice.
- To deactivate surplus acid in food.
- Utilized as a covering in chocolate.
- As a fungus releaser.



# ZoCarb

Pure and Natural Calcium Carbonate

## NEELKANTH FINECHEM LLP

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Contact Neelkanth Finechem LLP for more information and to order samples of our high-performing Zocarb pure and natural calcium carbonate.

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Neelkanth is able to supply you a wide range of high value mineral ingredients for food industry.