



Food, Pharma, & Nutraceutical **CaCO₃ SOLUTIONS**

Tailored solutions for food and pharma
product formulations.



PRODUCT FEATURES

► Formulating Flexibility

We offer a wide range of calcium carbonate products of varying particle shapes and sizes, resulting in a more customizable solution for more product formulation needs.

► Economical Solutions

Lower-cost than calcium phosphates and citrates, high-calcium content enables low fortification costs.

► Good Taste

Low fortification dose minimizes any potential effect on taste.



ORDERS

► Direct from Specialty Minerals Inc.:

mineralstech.com/specialty-minerals
or call +1 800 801 1031

► Through our distribution partners:

Alkan:
alkan-chemical.com

Brenntag:
brenntag.com

Caldic:
caldic.com

Keyser & Mackay:
keysermackay.com

Signet:
signetexcipients.com

Univar:
univarsolutions.com



LEADING GLOBAL PRODUCER

Specialty Minerals Inc. (SMI) offers purified calcium carbonate (PCC) and ground calcium carbonate (GCC) to meet a range of needs for the food, pharma, and nutraceutical industries. Steeped in a culture of sustainable innovation and known to deliver customizable, technology-based solutions, SMI can solve formulation needs and enhance cost effectiveness.

SMI is the leading global producer of PCC. Our expertise is in growing crystals of different shapes, each delivering distinct physical properties that can optimize performance in different applications. Distinct physical properties are critical since they impact powder density, surface area, and oil absorption.



FROM OUR UNIQUE MINERAL RESERVES TO MILLIONS OF HOMES AROUND THE WORLD

With ISO 9001 quality-certified and food safety-certified production facilities in the U.S. (FSSC 22000) and the U.K. (ISO 22000), SMI boasts high-purity, global product offerings for the food, pharmaceutical, and nutraceutical markets. SMI's high-performance mineral additives offer a holistic solution to meet formula and financial needs for a range of product applications. All SMI calcium carbonate products suitable for food and beverage enhancement are gluten-free and certified kosher and halal.



PRODUCT SELECTION GUIDE

APPLICATIONS	VICALity® ALBAFIL®	VICALity® ALBAGLOS®	VICALity® EXTRA LIGHT	VICALity® LIGHT	VICALity® HEAVY	VICALity® EXTRA HEAVY	STURCAL® L	CALOFORT® U	CALOPAKE® EXTRA LIGHT	CALOPAKE® 5970	MULTIFEX® MM	VICRON® FG
Animal & Pet Kibble	▼				▼		▼					▼
Baked Goods – Cookies, Pancakes, Waffles					▼	▼	▼					▼
Bars – Snack, Nutritional, Diet, Fruit, Protein					▼	▼	▼					▼
Beverages – Almond, Soy, Oat, Dairy Milks	▼	▼							▼			
Cereals – Hot & Cold					▼	▼	▼		▼			▼
Chewable Tablets		▼					▼		▼			
Chewing Gum					▼	▼	▼					
Chocolate Dutching					▼		▼					
Drink Powders – Soy, Diet, Chocolate		▼	▼	▼	▼				▼			
Dry Food Mixes	▼		▼	▼	▼	▼	▼	▼	▼		▼	
Effervescent	▼	▼						▼	▼		▼	
Flavor Carriers	▼		▼	▼			▼		▼			
Flour Enrichment					▼	▼						▼
Frozen Dairy – Ice Cream, Yogurt	▼	▼										
Granulations		▼			▼	▼	▼					
Hard Confectionary Lozenges					▼	▼	▼					
Infant Formulas – Liquid	▼	▼							▼			
Infant Formulas – Dry Mix		▼			▼				▼			
Liquid Meals	▼	▼						▼			▼	
Milk Protein – Whey or Caseinate Enrichment	▼	▼	▼	▼	▼		▼					
Nutritional Supplements					▼	▼	▼					
Redispersable Powders – E.g. Coffee Creamers			▼	▼				▼	▼		▼	
Soft Chews		▼			▼	▼	▼					
Soft Gels		▼			▼	▼	▼					
Tablets – Swallowable					▼	▼	▼					
Toothpaste					▼		▼		▼	▼		▼
Vitamin/Mineral Premixes					▼	▼	▼					

PRODUCT CATALOG



CUBIC



PRISMATIC



SCALENOHEDRAL



GROUND/IRREGULAR

GRADES	AVERAGE PARTICLE SIZE (MICRONS)	PARTICLE SHAPE	PCC/GCC	SOURCE
ViCALity® Albafil®	0.7	Prismatic	PCC	U.S.
ViCALity® Albaglos®	0.8	Prismatic Cubic	PCC	U.S.
ViCALity® Light	1.9	Scalenohedral	PCC	U.S.
ViCALity® Extra Light	1.8	Scalenohedral	PCC	U.S.
ViCALity® Heavy	2.0	Cubic	PCC	U.S.
ViCALity® Extra Heavy	4.5	Cubic	PCC	U.S.
Calofort® U	.07	Rhombohedral	PCC	U.K.
Calopake® Extra Light	1.8	Scalenohedral	PCC	U.K.
Calopake® 5970	2.2	Scalenohedral	PCC	U.K.
Multifex® MM	.07	Rhombohedral	PCC	U.S.
Sturcal® L	3.0	Scalenohedral	PCC	U.K.
Vicron® FG Line	3.5 - 17.0	Ground/Irregular	GCC	U.S.

A HIGH-PURITY PORTFOLIO

The ViCALity® line of PCC meets U.S. Pharmacopeia standards. The VICRON® food-grade GCC products meet the requirements for the Food Chemical Codex (FCC). These products are also certified kosher and halal, gluten-free, organic, natural, and vegan, making them suitable for a wide range of food and personal care applications.

The Sturcal™ and Calopake™ lines of PCC meet the requirements of the current British, European, and U.S. Pharmacopeia. They also meet the requirements of the Food Chemicals Codex and the Miscellaneous Food Additives Regulations E170i.

For more information, visit our website at mineralstech.com/specialty-minerals or call +1 800 801 1031



Specialty MINERALS

A MINERALS TECHNOLOGIES COMPANY

Minerals Technologies Inc. is a leading, technology-driven specialty minerals company that develops, produces, and markets a broad range of mineral and mineral-based products, related systems, and services. It serves a wide range of global consumer and industrial markets, including household, food and pharmaceutical, paper and packaging, automotive, construction, and environmental.

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