

## FEATURES

- ▶ Meets current edition of the Food Chemicals codex for ground limestone.
- ▶ Controlled Particle Size
- ▶ High Chemical Purity
- ▶ High Brightness

## BENEFITS

- ▶ Kosher & Halal certified
- ▶ Gluten free, Organic, Natural, Vegan
- ▶ Calorie-free, carbohydrate-free, fat-free, non-dairy, lactose-free
- ▶ Cost effective source of calcium fortification
- ▶ Uniformity provides consistent processing
- ▶ Suitable for a wide range of applications

## SHIPPING INFORMATION

Vicron® Food Grade products ship from Adams, MA

Product is available in 50 lb. bags, supersacks, and bulk.

For availability and minimum order quantity, contact customer service.

## SALES OFFICES

Adams, MA  
800-225-1156

Bethlehem, PA  
800-801-1031

[www.mineralstech.com](http://www.mineralstech.com)

# VICRON® FOOD GRADE

## FCC Fine Ground Calcium Carbonate

### Product Description

The VICRON® series of fine ground limestone products is certified for use in food applications. VICRON limestone products are characterized by their controlled particle size, high brightness, and chemical purity, complying with all ground limestone requirements of the current edition of the Food Chemicals Codex. The VICRON products are Kosher and Halal certified, gluten free, organic, natural, and vegan. The five grades are produced in our Adams, MA facility and range in particle sizes from 3.5 microns up to 17 microns.

Typical applications include; calcium fortification for bread, flour, cereal, breakfast bars, pet food and powdered beverages. Can also be used as a gum base masticating agent, process aid, toothpaste abrasive, material handling aid, texturizer and release agent in foods and confections.

The Specialty Minerals plant in Adams, MA is registered with the US FDA as a Drug Establishment. The registration number for the plant is 1214544.

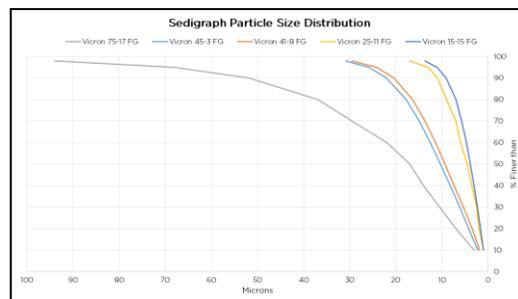
### Vicron® Food Grade Family of Products: Typical Properties

	15-15 FG	25-11 FG	41-8 FG	45-3 FG	75-17 FG
Average Particle Size (d50)*	3.5	5.5	8	10	17
Top Size (d98)* Microns by Sedigraph*	14	17	28	31	94
Dry Brightness (Hunter Y, Rd Value)	95	95	94	93	94
Dry Color, (b value)	.25	.27	.32	.37	.90
Bulk Density (lbs./ft <sup>3</sup> )	31	36	42	44	52
Tap Density (lbs./ft <sup>3</sup> )	66	73	78	78	99
Surface Area (m <sup>2</sup> /g)	2.7	1.8	1.5	1.4	0.7
Oil Absorption, (g/100g)	18	17	16	15	12

\*\*Values listed are typical, not to be considered as specifications of the product

### Chemical Properties

Calcium Carbonate (CaCO <sub>3</sub> )	97%
Magnesium Oxide (MgO)	0.5%
Iron (Fe <sub>2</sub> O <sub>3</sub> )	<0.1%
Moisture (% weight loss @110°C) (Computrac Max 5000)	0.3%



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