

MicroWhite® Codex

Ground Calcium Carbonate

QUALITY MINERAL PRODUCTS ENRICHING OUR DAILY LIFE

MicroWhite® Codex products are ground from all-natural pure marble. Manufacturers of cereal, chewing gum, baked goods, candy, and more have selected Imerys' high-quality products for years.



Demand for fortified and functional foods and beverages is on the rise. Consumers want products formulated for health concerns related to age and gender, weight loss goals, and lifestyle categories.

Calcium is at the forefront of the fortification trend. Formulators can rely on Imerys' products and services to simplify regulatory, stability, bioavailability and sensory challenges associated with functional food development.

Key Benefits:

- **High Calcium Content**
- **GRAS**
- **Kosher**
- **Minimal Sensory Impact**
- **Formulation Flexibility**
- **Reliable Supply**
- **Economical**



food & beverage

performance minerals north america

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Four different particle sizes are available to meet the various requirements of food and beverage manufacturers.

Typical Values

Source	Sylacauga, AL	Sylacauga, AL	Sylacauga, AL	Sylacauga, AL
Grade	MicroWhite® 100 Codex	MicroWhite® 75 Codex	MicroWhite® 50 Codex	MicroWhite® 30 Codex
Retained +325 mesh (%)	5-11	<1.0	<0.05	<0.005
Median Particle Size (microns)	19	13	8	3

Chemical Properties

%CaCO ₃	95	95	95	95
%Acid Insolubles	<2.5	<2.5	<2.5	<2.5
%MgCO ₃ & Alkali Salts	2.4	2	2	2
Arsenic (ppm)	<0.8	<0.8	<0.8	<0.5
Flouride (ppm)	<50	<50	<50	<50
Heavy Metals (ppm)	<20	<20	<20	<20
Mercury (ppm)	<0.1	<0.1	<0.1	<0.1
Lead (ppm)	<3	<3	<3	<3

Physical Characteristics - All Products

Color	White
Odor	None
Taste	None
Specific Gravity	2.7
Loss on Drying	0.1

CAS No. 1317-65-3
MicroWhite® Codex meets the Food Chemicals Codex requirements for ground limestone.



Lead Concerns?
MicroWhite Codex products tested according to California Proposition 65 requirements are available upon request.

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IMERYS • Performance Minerals North America
 100 Mansell Court East, #300, Roswell, GA 30076 USA
 Tel: 1 888 277-9636
 Internet: www.imerys-perfmins.com
 E-Mail: microwhite@imerys.com

