

MicroWhite® Codex

Ground Calcium Carbonate

QUALITY MINERAL PRODUCTS ENRICHING OUR DAILY LIFE

dietary supplements



Quality

MicroWhite® Codex products are ground from all-natural pure marble and meet the Food Chemicals Codex requirements for ground limestone.

Reliable

As the global leader in white mineral processing, Imerys constantly strives to supply its customers with the highest level of products and services. MicroWhite Codex products are mined and processed at a single domestic facility - resulting in short lead times and an uninterrupted supply for Imerys customers.

Functional

A wide variety of particle sizes are available to meet individual manufacturers' density and flowability requirements.

Economical

Calcium carbonate is composed of 40% elemental calcium. Most other forms of calcium contain significantly less elemental calcium and are priced much higher.

Elemental Calcium Content

<i>Calcium Carbonate</i>	40.0%
<i>Calcium Citrate</i>	21.0%
<i>Calcium Gluconate</i>	8.9%
<i>Calcium Lactate</i>	3.0%
<i>Monocalcium Phosphate</i>	15.9 -17.1%
<i>Dicalcium Phosphate</i>	23.2 -29.4%
<i>Tricalcium Phosphate</i>	38.0%

performance minerals north america



MicroWhite® Codex

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Manufacturers can choose from four MicroWhite Codex Ground Calcium Carbonate products based on their individual requirements.

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 products
are certified as Kosher.**



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

