



Niva Minerals®

a division of Niva, c. por a.

OysterNiva325® 325 MESH Natural High Purity USP OYSTER SHELL of fossilized Oyster Shell

OysterNiva® is a high purity Oyster Shell of fossilized oyster shell. It's superior purity and performance distinguishes them from competitive products.

OysterNiva® is rich in calcium. Is 40% elemental calcium. It takes only 1 gram of **OysterNiva®** to add 400 milligrams of calcium to your product. Provides nature's finest source of bio-available Calcium along with **76 vital Trace Minerals**. Every mineral in similar proportions as found in the human body

OysterNiva® USP contain less than 125 part per billion lead, and enables requirements of California Proposition 65.

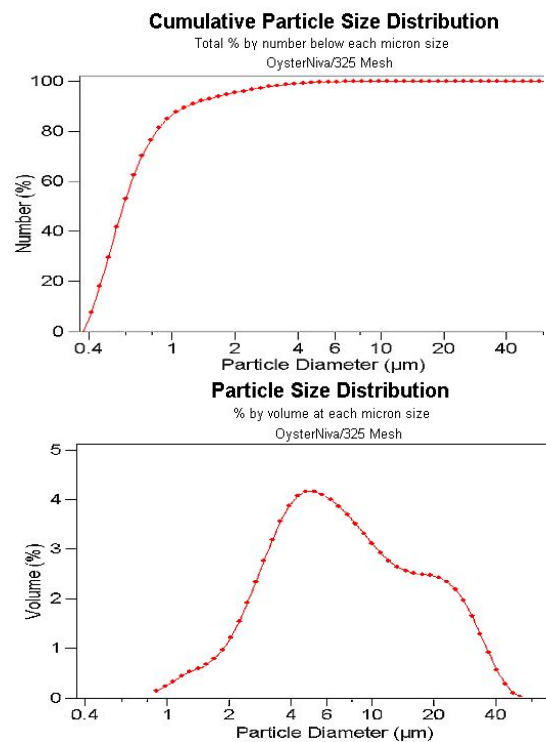
OysterNiva® USP is meet and exceed the requirements for Calcium Carbonate of the United States Pharmacopoeia, Food Chemicals Codex, Japanese Pharmacopoeia, European Pharmacopoeia. Calcium Carbonate is recognized GRAS (Generally Recognized As Safe) by the FDA (21 CFR 184.1191) with no limitations other than good manufacturing practices. This makes oyster shell suitable for both direct and indirect food applications.

OysterNiva® USP are manufactured in the **Niva Minerals®** plant in La Descubierta, Dominican Republic, with natural and high quality standards, certificated by ISO 9001 and cGMP Facility and U.S.FDA registered, number: 17288105124.

Oyster Shell



OysterNiva® is an very low lead UPS Oyster Shell, which rhombohedral particle, and medium oil absorption, very mild abrasive and high surface area. 50% (by volume) of it's particles are inferior to 6.5 microns. 99.9% (by volume) of it's particles are inferior to 44.0 microns. Due to this, it contains a high density of very-fine and medium-fine powder.



Applications:

Is specifically tailored to meet the challenging applications and requirements of the Pharmaceutical and Nutritional supplement industries.

The formulators are able to develop antacids and chewable supplement tablets with a more pleasing textures with it due to it's superior sensory performance.

For larger or chewable tablets, the **OysterNiva®** are best. Due to it's characteristics it minimizes the effect on taste it's ideal for masticating agent in chewing gums, foods, beverages, liquid supplements, effervescent, chewable and swallowable tablets, toothpastes and others.

Typical Physical Properties	
Crystal habit	Calcite
Particle Shape	Rhombohedral
Particle Size, median, microns (by volume)	6.3
mode, microns (by Volume)	6.6
Surface Area, cm ² /ml	16.0
Oil Absorption, g. oil/100 grams	18
Tapped Density, grams/cc	1.16
Bulk Density, grams/cc	0.58
Specific Gravity	2.72
pH	9.7
Moisture, %	0.2
Dry Brightness Hunter(Gr value)	92.5
Lead, parts per billion	< 125
Solubility, in water, pH 7	insoluble
In acid	soluble

Regulatory Approvals:

This product meets the requirements for use in pharmaceutical applications under the US, European, Japanese, Poland, Russia Pharmacopoeia. The Niva Minerals facility is recognized by U.S.FDA, and ISO 9001-2000 and cGMP certified.

This product also meets the requirements for use as a direct food additive under 21 CFR (FDA) 184.1191 and the Food Chemicals Codex.

Packaging :

OysterNiva® USP is packaged in 50 pound kraft paper bags. The standard shipping unit is a 48" x 40" GMA 4-way pallet of 50 bags, a total of 2,500 pounds. Pallets include slip sheets and shrink-wrap. Semi-bulk packaging, typical in 2,500 pound sacks is also available.

Test	Specifications	OysterNiva®
Calcium Carbonate	> 98.5%	> 99%
Loss on Drying	< 1.0%	< 1.0%
Magnesium and Alkali Salts	< 0.5%	< 0.5%
Acid Insolubles	< 0.2%	< 0.2%
Lead	< 3 ppm	< 0.125 ppm
Arsenic	< 3 ppm	< 0.5 ppm
Fluoride	< 0.005%	< 0.005%
Barium	Pass	Pass
Iron	< 0.1%	< 0.01%
Mercury	< 0.5 ppm	< 0.1 ppm
Heavy Metals	< 0.002%	< 0.002%
Chlorides	< 330 ppm	< 35 ppm
Sulfates	< 0.25%	< 0.25%
Total Yeasts and Molds	< 300 CFU/g	< 100 CFU/g
Total Aerobic Microbial Co.	< 3000 CFU/g	< 1000 CFU/g

OysterNiva® meets also the requirements for use in Poland, Russia, European Union Pharmacopoeia:

Test	OysterNiva®	Test	OysterNiva®
Antimony ppm	< 0.02	Cadmium ppm	< 0.10
Zinc ppm	< 50.0	Copper ppm	< 2.0
Chromium ppm	< 6.0	Barium µg/g	< 20.0
Crystal. Silica%	< 0.01	Magnesium %	0.10

Contact inside Sales **Niva Minerals®** for details

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Customer Service
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Fax: (809) 687-9300

International Sales Offices:

Verona-Italy
Andernach-Germany

Visit Our Website:

www.nivaminerals.com

For Information and Samples:

Inside Sales
Direct dial (809) 685-3820
E-mail: NivaMinerals@internet.net.do

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