



PRODUCT SPECIFICATIONS

PureCal® Nutra 20



Calcium Carbonate Powder

Chemical Identity: Calcium Carbonate

CAS Number: 471-34-1

Manufacturing Facility: New Castle, DE

Essential Minerals PureCal® Calcium Carbonate is offered in multiple product sizes, high purity, and ultra-low trace metals. Consistent quality control of PureCal Calcium Carbonate is guaranteed using an automated process control from milling to final packaging. All grades including are made without the need for purification or chemical additives or modifiers. PureCal® Calcium Carbonate is available multiple packaging types and include full analysis performed via on-site certified laboratory. PureCal® is the only Calcium Carbonate available on the market that is approved for use in organic production in accordance with the USDA National Organic Standards. Common uses include vitamins and dietary supplements.

TECHNICAL SPECIFICATIONS:

CHARACTERISTIC	UNIT OF MEASURE	UNITS
MEDIAN SIZE	µm	18 - 22
MAG & ALKALI SALTS	%	< 2.5
CAC03 ASSAY	%	> 98
LOSS ON DRYING	%	<= 2.0
ACID INSOLUBLE	%	<= 1.0
HEAVY METALS AS PB	ppm	<= 20
FLUORIDES	%	<= 0.005
LEAD	ppm	<= 0.25
ARSENIC	ppm	<= 0.3
AEROBIC PLATE COUNT	CFU/g	< 3000
YEAST & MOLD	CFU/g	< 10
TOTAL COLIFORMS	/5g	Negative
STAPHYLOCOCCUS AUREUS	/5g	Negative
E COLI	/5g	Negative
SALMONELLA	/375g	Negative

STORAGE AND PACKAGING: Recommended storage conditions include the material in a cool, dry area, in a sealed container where no contamination can take place.

Certifications: Halal, Kosher, GFSI Approved, and approved for use in organic production in accordance with the USDA National Organic Standards.