



PRODUCT SPECIFICATIONS

PureCal® Elite



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 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.

TECHNICAL SPECIFICATIONS:

CHARACTERISTIC	UNIT OF MEASURE	UNITS
MEDIAN SIZE	µm	4 - 20
BRIGHTNESS	Hunter Y	88 - 92
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	<= 0.4
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