



## PRODUCT SPECIFICATIONS

# PureCal® Baking

## 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 our own on-site certified laboratory. PureCal® is the only Organic Certified Calcium Carbonate available on the market.

### TECHNICAL SPECIFICATIONS:

CHARACTERISTIC	UNIT OF MEASURE	UNITS
MEDIAN SIZE	µm	4 - 20
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	<= 0.6
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	/5g	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, USDA Organic