



PRODUCT SPECIFICATIONS

PureCal® USP 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 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	18 - 22
MAG & ALKALI SALTS	%	< 1.0
MESH SIZE - 200	Passing %	100
CAC03 ASSAY	%	> 98
LOSS ON DRYING	%	<= 2.0
ACID INSOLUBLE	%	<=0.2
HEAVY METALS AS PB	ppm	<= 20
ARSENIC	ppm	<= 0.3
BARIUM	Pass/Fail	Pass/Fail
CADMIUM	ppm	<=0.5
FLUORIDES	%	<= 0.005
IRON	ppm	<1000
LEAD	ppm	<= 0.25
MERCURY	ppm	<=0.5
AEROBIC PLATE COUNT	CFU/g	< 3000
YEAST & MOLD	CFU/g	< 10
TOTAL COLIFORMS	CFU/g	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