



PRODUCT SPECIFICATION

PureCal® Nutra 20

Calcium Carbonate Powder



Chemical Identity: Calcium Carbonate
CAS Number: 1317-65-3
Manufacturing Facility: New Castle, DE
Shelf Life: 1095 days

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 in multiple packaging types and includes full analysis performed via on-site certified laboratory.

TECHNICAL SPECIFICATIONS:

CHARACTERISTIC	UNIT OF MEASURE	UNITS
MEDIAN SIZE	µm	18 - 22
MAG & ALKALI SALTS	%	< 1
CAC03 ASSAY	%	> 98
LOSS ON DRYING	%	<= 2.0
ACID INSOLUBLE	%	<= 0.2
HEAVY METALS AS PB	ppm	<= 20
FLUORIDES	%	<= 0.005
LEAD	ppm	<= 0.25
ARSENIC	ppm	<= 3.0
AEROBIC PLATE COUNT	CFU/g	< 3000
YEAST & MOLD	CFU/g	< 10
TOTAL COLIFORMS	/5g	< 10
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, ISO 9001:2015, ISO 22000:2018