

Essential Minerals 901 Lambson Lane New Castle, DE 19720 (855) 431-7100 www.EssentialMinerals.com

PRODUCT SPECIFICATION

PureCal® USP 4

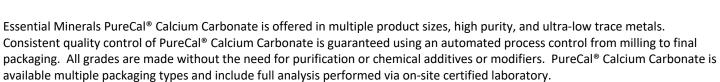
Calcium Carbonate Powder

Chemical Identity: Calcium Carbonate

CAS Number: 1317-65-3

Manufacturing Facility: New Castle, DE

Shelf Life: 1095 Days





TECHNICAL SPECIFICATIONS:

UNITS	UNIT OF MEASURE	CHARACTERISTIC
(Target 4) 3- 5	μm	MEDIAN SIZE
< 1.0	%	MAG & ALKALI SALTS
> 98	%	CAC03 ASSAY
<= 2.0	%	LOSS ON DRYING
<=0.2	%	ACID INSOLUBLE
<= 20	ppm	HEAVY METALS AS PB
<= 1.0	ppm	ARSENIC
Pass/Fail	Pass/Fail	BARIUM
<=0.5	ppm	CADMIUM
<= 0.005	%	FLUORIDES
<1000	ppm	IRON
<= 0.25	ppm	LEAD
<=0.5	ppm	MERCURY
< 20	ppm	NICKEL
< 1.0	ppm	VANADIUM
< 3000	CFU/g	AEROBIC PLATE COUNT
< 10	CFU/g	YEAST & MOLD
< 10	CFU/g	TOTAL COLIFORMS
Negative	/5g	STAPHYLOCOCCUS AUREUS
Negative	/5g	E COLI
Negative	/375g	SALMONELLA

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