Essential Minerals
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PRODUCT SPECIFICATIONS

PureCal® Nutra 10

Calcium Carbonate Powder

Chemical Identity: Calcium Carbonate
CAS Number: 471-34-1
Manufacturing Facility: New Castle, DE
Creation Date: 06/24/2022
Part # EM10N01
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 multiple packaging types and include full analysis performed via on-site certified laboratory. Along with Halal and Kosher certifications all our PureCal Calcium Carbonate grades are certified as an organic input material.

TECHNICAL SPECIFICATIONS:

CHARACTERISTIC	UNIT OF MEASURE	UNITS
MEDIAN SIZE	µm	8 - 12
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, Organic Input material