



PRODUCT SPECIFICATIONS

PureCal® Nutra Fine

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 including 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. PureCal® is the only Calcium Carbonate available on the market that is approved for use in organic production in accordance with the USDA National Organic Standards. Common uses include vitamins and dietary supplements.

TECHNICAL SPECIFICATIONS:

| CHARACTERISTIC | UNIT OF MEASURE | UNITS |
|-----------------------|-----------------|----------|
| MEDIAN SIZE | µm | 4 - 7 |
| 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 | <= 0.25 |
| 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 | /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.