



## PRODUCT SPECIFICATIONS

# PureCal® USP



## 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              | 10 - 20   |
| MAG & ALKALI SALTS    | %               | < 1.0     |
| 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            | /5g             | 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, USDA Organic