



The highest standards for **FOOD SAFETY ASSURANCE**

VitaCal® calcium oxide and calcium hydroxide FCC

Food chemists have specified MLC (formerly Mississippi Lime Company) VitaCal® calcium products for years due to their exceptional **purity, quality, and consistency**. Produced using a specialized manufacturing process, VitaCal® products provide low impurities, high calcium content, and refined particle size distribution.

MLC's approach to food safety management is process-based, providing **continuous assurance** that products meet our own high standards, as well as the needs of our customers. This helps to assure that VitaCal products are free from contamination that could prevent the calcium from performing as expected in operations and processes, represent a health hazard, or lead to a recall.

MLC's food-grade operations are located in Ste. Genevieve, Missouri, where we operate the **largest lime facility in the Americas** with some of the purest lime reserves in the world.

Certified for Your Success

VitaCal® products meet the requirements of the following standards and certifications, providing assurance of their quality and safety.

- **FSSC 22000**, recognized by the **GFSI** and incorporating ISO 22000, HACCP, GMP, and PRP (food safety management)
- **FDA** registered production facility
- **AIB International** (food safety management)
- **ISO 9001:2015** (quality management)
- **Kosher-Pareve and Halal**



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Why FSSC 22000?

FSSC 22000 is the gold standard for food safety management. To maintain certification, a company to adhere to strict process and quality controls.

- **Recognized Globally:** Accepted by key accreditation bodies around the world, including the Global Food Safety Initiative (GFSI)
- **Integrated and Comprehensive:** Incorporates ISO 22000, HACCP, and PAS 220 PRPs and integrates with ISO 9001
- **Process-Based for Continuous Compliance:** Certifies the management process, which promotes continuous compliance through rigorous auditing, monitoring, and controls

VitaCal® FCC for Foods & Beverages

VitaCal calcium oxide and calcium hydroxide are used in food-grade applications as raw materials, processing aids, calcium fortifiers, and water treatment additives. In addition to food safety assurance, they provide a range of benefits to food product manufacturers and end consumers.

- Low to undetectable levels of impurities
- A high assay and available calcium content
- Small particle sizing, which is non-abrasive, low residue and easy dispersing
- Engineered reactivity and oil absorption
- Low-cost source of calcium with good bioavailability
- Desirable mouth-feel
- Consistent product color with high whiteness



MLC is a leading global supplier of high-calcium lime products and technical solutions headquartered in St. Louis, Missouri. These offerings bring essential performance and value to a range of market applications, including metals, construction, chemicals, water and emissions treatment, glass, plastics, elastomers, agriculture, foods and beverages. With over a century in business, MLC has built a reputation on the quality of its products and services and an unwavering commitment to safety, sustainability and service. The company's expanding global footprint includes a diversified, reliable network of production and distribution facilities in the U.S., as well as in the U.K. through its Singleton Birch business. MLC is an HBM Holdings company.



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