



VITACAL® FCC-GRADE CALCIUM OFFERINGS FOR FOODS & BEVERAGES

VitaCal® H Hydroxide and VitaCal® O Calcium Oxide provide essential performance in applications such as corn products, tortillas, snack foods, and fortified beverages. They are used as **direct additives** to enhance calcium supplementation, adjust pH, bind ingredients, and/or improve texture and flavor. They are also **key building blocks** used in the synthesis of certain ingredients, such as preservatives and flow conditioners.

These products can also bring value and performance to other end uses where ingredient quality and safety are critical to protect the consumer. In **water treatment**, they soften water and adjust pH. In **personal care products and topical pharmaceuticals**, they act as pH buffers, for example in depilatories, skin care, cleansers, hair care, and medicinal salves.

Superior Quality & Safety Assurance

Available under the trusted VitaCal® brand name, Mississippi Lime provides food-grade calcium hydroxide and calcium oxide that **meet or exceed FCC specifications and U.S. FDA standards**. Due to their purity and consistency, food processing chemists have specified VitaCal® products for decades.

VitaCal® offerings are covered by certifications to provide assurance of their quality and safety, including FSSC 22000, AIB, and ISO 9001:2015. They are also certified as Kosher-Pareve and are suitable for drinking water applications, meeting the specifications and standards of AWWA B202-19 and NSF/ANSI/CAN 60 Drinking Water Treatment Chemicals.

The VitaCal® Quality Advantage:

- Low to undetectable levels of impurities
- High calcium assay and bioavailability
- Small particle sizing (non-abrasive, low residue, and easy dispersing)
- Engineered reactivity and oil absorption
- Desirable mouthfeel
- Consistent product color with high whiteness
- Suitable for use in clean-label, organic, and natural product types



Mississippi Lime Company

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Enhanced Efficacy to Improve Economy

The exceptional purity and reactivity of MLC's lime offerings create opportunities for manufacturers to improve the efficiency and economy of their operations.

This is because lower dosages are required to achieve the same performance. The lower volume requirements reduce the costs, downtime, and GHG emissions associated with logistics, labor, energy, equipment maintenance, and more.

Broad Portfolio of Lime Solutions

MLC is an industry leader in high-reactivity and specialty-grade lime products, with the deepest offering in North America and global availability and support.

Our broad portfolio includes a range of high-purity lime of varying grades to meet the diverse needs of our customers. Our technical team is available to assist you with selecting the best products to meet your specific end-use requirements, as well as optimizing use and handling.



About Mississippi Lime Company

Mississippi Lime Company ("MLC"), headquartered in St. Louis, MO, is a leading global supplier of high-calcium lime products and technical solutions. With over a century in business, the company has built a reputation on the purity of its products, commitment to research and development, and tradition of customer service. Mississippi Lime operates the largest lime facility in the Americas and mines some of the purest limestone reserves in the world. The company supplies high-calcium quicklime, hydrated lime, calcium carbonate products, trucking services, and technical solutions from a diversified, reliable network of facilities in Ste. Genevieve, MO; Calera, AL; Verona, KY; Vicksburg, MS; Weirton, WV; Chester, SC; Mobile, AL; Prairie du Rocher, IL; as well as several distribution sites throughout the country.

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