



Carmeuse Americas—INNOVATION CENTER

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Carmeuse Americas

PRODUCT STATEMENT – High Calcium Limestone

Dear Valued Customer:

Carmeuse Lime & Stone operates limestone mines, quarries, lime manufacturing plants, docks, terminals, and related facilities at over thirty locations in thirteen states and the province of Ontario. We are subject to numerous federal, state, provincial and local regulations designed to protect the environment and human health from potential adverse effects of exposure to chemicals, substances and materials that may be present in products from our operations.

Limestone, our primary raw material is predominantly calcium carbonate. Limestone may contain trace amounts of metals and other naturally occurring substances that may be subject to regulation.

We manufacture:

- Calcium Carbonate (CaCO₃), otherwise known as high-calcium limestone or calcitic limestone.

The manufacturing process typically involves crushing, drying, grinding, and sizing in a continuous process. We analyze our limestone products during the production process to ensure our product meets our customers' contract specifications.

- **Additives:** We do not intentionally add or have contact with any other organic chemicals (such as Melamine, Dioxin, BPA, Ractopamine), ruminants, Irradiation, or use of sewer sludge in the mining, processing or manufacturing process.
- **Allergens/GMO:** Carmeuse Limestone products are inorganic products and contain no genetically modified substances. These products are manufactured using non-GMO substances and GMO labeling is not required. In addition, considering the nature and composition of these products, it is reasonable to assume that they do not contain allergens, glutes, nor any ingredients of animal origin.

- **Modernization Act to include the following**
 - GRAS – All products meet the specifications of the FCC 11th Ed.
 - 184.1409 – Ground Limestone, 184.1205

Parameter	184.1409 (Ground Limestone)
CaCO ₃ (%)	>94.0
CaO/Ca(OH) ₂ (%)	--
Acid InSoluble (%)	<2.5
Alkalis & Mg (%)	<3.5
Arsenic (ppm)	<3.0
Heavy Metals as Lead (%)	<0.004
Lead (ppm)	<3.0
Hg (ppm)	<0.5
Loss on Drying	<2.0
LOI (%)	--

- Carmeuse utilizes Good Manufacturing Practices
- Hazard/Risk Analysis to identify and address all food safety risks.
- Product safety requirements are aligned with MSHA requirements
- Training and auditing requirements are in place
- Regular testing is performed to ensure our Heavy Metals are within regulatory limits. The last testing showed the following (all in mg/kg): As < 1.5, Cd <1.0, Pb <0.9, Hg <0.2.

If you have any questions regarding this Statement, please feel free to contact me.

Very Truly Yours,



Jason D Ruckman
Corporate Quality Manager
Carmeuse Americas