



Vanderbilt Minerals, LLC

A Wholly Owned Subsidiary of R.T. Vanderbilt Holding Company, Inc.
33 WINFIELD STREET, P.O. BOX 5150, NORWALK, CONNECTICUT 06856-5150 • (203) 295-2140
Fax (203) 855-1220 • Internet Address: www.vanderbiltminerals.com

Specification

VANATURAL® CA Bentonite Clay

October 6, 2023

Product Code: 46023
Composition: Blend of magnesium aluminum silicate and citric acid
Physical State: Off-white to light tan granules

	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
*Arsenic Content	3 ppm maximum	T-1112
*Lead Content	15 ppm maximum	AA-82
*Microbiology	**No more than 100 cfu/g bacteria **No more than 100 cfu/g fungi & yeast **No Escherichia coli **No Salmonella sp. **No Staphylococcus aureus **No Pseudomonas aeruginosa **No Gram negative organisms	T-727 T-811 T-728 T-729 T-730 T-731 T-968
*Moisture Content	8.0% maximum	T-684
*pH, 5% Dispersion	3.5-5.5	T-685
*Viscosity, Brookfield 5% Dispersion, #2 spindle at 60 rpm	150-400 cps	T-678

*Certified Property

**Vanderbilt Minerals, LLC certifies this result based on gamma irradiation and validation of the irradiation process to achieve the indicated result. This result may also be certified based upon actual testing.

Solubility – Insoluble, but dispersible in water.

Customer Re-test Recommendation: 5 years from date of manufacture

VANATURAL CA is INCI Bentonite.

Cosmetic grades of VANATURAL® Bentonite Clay, including VANATURAL CA, when used in cosmetics are intended for topical and dental use only. VANATURAL CA can also be used in industrial and agricultural applications.

VANATURAL® is registered trademarks of Vanderbilt Minerals, LLC.

The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability, reliability or use. This information is not intended to be all-inclusive, because the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. The user is responsible for determining the suitability of any material for a specific purpose and for adopting such safety precautions as may be required. Vanderbilt Minerals, LLC does not warrant the results to be obtained in using any material, and disclaims all liability with respect to the use, handling or further processing of any such material. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent or to violate any federal, state or local law or regulation.