



Vanderbilt Minerals, LLC

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

Specification

VANATURAL® MC Bentonite Clay

October 6, 2023

RTV Product Code: 46022
Composition: Bentonite clay
Physical State: Off-white 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	8.5 - 10.0	T-685
*Viscosity, Brookfield, 5% Dispersion	100 - 300 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.

GENERAL INFORMATION

Typical values not routinely measured or reported on the Certificate of Analysis.

Odor None

Solubility - Insoluble, but dispersible in water.

Re-inspection interval: 5 years

VANATURAL® MC is INCI Bentonite.

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

VANATURAL is a registered trademark of Vanderbilt Minerals, LLC.

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