



# Vanderbilt Minerals, LLC

A Wholly Owned Subsidiary of R.T. Vanderbilt Holding Company, Inc.  
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# Specification

## VEEGUM® HV Magnesium Aluminum Silicate

June 17, 2020

**Product Code:** 71610  
**Composition:** Magnesium aluminum silicate, purified smectite clay  
**Physical State:** Off-white fine granules

	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
*Appearance	Fine granules	Current Volume USP/NF
*Acid Demand	4.0 maximum	Current Volume USP/NF
**Al/Mg Ratio	0.5 - 1.2	Current Volume USP/NF
*Arsenic Content	3 ppm maximum	Current Volume USP/NF
*Lead Content	15 ppm maximum	Current Volume USP/NF
*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 **No more than 10 cfu/g candida albicans	Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF Current Volume USP/NF T-968 T-1120
*Loss on Drying	8.0% maximum	Current Volume USP/NF
*pH, 5% Dispersion	9.0 - 10.0	Current Volume USP/NF
*Viscosity, Brookfield, 5% Dispersion	800 - 2200 cps	Current Volume USP/NF
*X-ray Diffraction	Peaks between 1.492 - 1.504, 1.510 - 1.540, and 15.0 - 17.2 Angstroms	Current Volume USP/NF

### \*Certified Property

Re-inspection interval: 5 years

\*\*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.

VEEGUM HV is Magnesium Aluminum Silicate NF, Type IC  
VEEGUM HV is Aluminium Magnesium Silicate EP Type IC  
VEEGUM HV is INCI Magnesium Aluminum Silicate

*Uses – Please refer to the VEEGUM Bulletin and Formulary*

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