



Vanderbilt Minerals, LLC

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

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Specification

VEEGUM® HS Magnesium Aluminum Silicate

November 3, 2023

Product Code: 71560
Composition: Magnesium aluminum silicate; purified smectite clay
Physical State: Off-white granules

	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
*Arsenic Content	3 ppm maximum	USP/NF
*Lead Content	15 ppm maximum	USP/NF
*Loss on Drying	8.0% maximum	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	USP/NF USP/NF USP/NF USP/NF USP/NF USP/NF T-968 T-1120
*pH, 5% Dispersion	9.0 – 10.0	USP/NF
*Viscosity, Brookfield, 5% Dispersion	40 - 200 cps	USP/NF
*X-ray Diffraction	Peaks between 1.492 - 1.504 and 15.0 - 17.2 Angstroms	USP/NF

*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.

Re-inspection interval: 5 years

VEEGUM HS is Purified Bentonite NF.

VEEGUM HS is INCI Magnesium Aluminum Silicate.

USP/NF monographed VEEGUM® Magnesium Aluminum Silicate clays, including VEEGUM HS, are intended for oral, topical, and dental use only. These products are not intended for other pharmaceutical uses, such as parenteral, inhalation, or ophthalmic. VEEGUM HS can also be used in cosmetic, industrial, and agricultural applications.

VEEGUM is a registered trademark of Vanderbilt Minerals, LLC.

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