



HEMINGS

NANJING HEMINGS NEW MATERIAL

No.186 Jiangdongzhonglu, Nanjing-210019, China

Tel: +86-25-86606055

Email: hemings@hemings.net

Website: <http://www.hemings.net>

Purified Bentonite NF

(Hatorite® HS)

INCI Name: Magnesium Aluminum Silicate

Description and Application

Hatorite HS clay was developed for maximum electrolyte stability and minimum acid demand. In cosmetics it is the preferred grade for hair and face masks. Typical use levels are between 1% and 3%.

Specifications

Item	Specification	Test Method
*Appearance	Off-white granules or powder	-----
*Acid Demand	4.0 maximum	Current Volume USP/NF
*Al/Mg Ratio	3.5-5.5	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	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
*Loss on drying	8.0% maximum	Current Volume USP/NF
*Organic Volatile Impurities	Meets Requirements	Current Volume USP/NF
*pH, 5% Dispersion	9.0-10.0	Current Volume USP/NF
*Viscosity, Brookfield, 5% Dispersion	40-200 cps	Current Volume USP/NF
*X-ray Diffraction	Peaks between 1.492-1.504, and 15.0-17.2 Angstroms	Current Volume USP/NF

Storage

Hatorite HS is hygroscopic and should be stored under dry condition.