

## Certificate of Analysis

Date of Testing: 2024-03-06 11:29:24

Date of Next Testing: 2028-03-05 11:29:24

Product Name: **Montmorillonite**

CAS Number: 1318-93-0

Specifications &amp; Purity: pharmaceutical

Lot #: F2008085

SKU #: **M141491****Analysis: 326431**

Parameter	Limit Values	Result
Degree of expansion	2-5 (ml/g)	3.60 ml/g
PH	6-9	8.30
Loss on drying	0-10 (%)	3.00%
Total number of bacteria	0-100 (cfu/g)	90.00 cfu/g
Heavy metals	0-10 (ppm)	4.60 ppm
Al <sub>2</sub> O <sub>3</sub>	>=15(%)	16.10%
Coliform bacteria	0-100 (cfu/g)	59.00 cfu/g
Total yeasts and molds count(TYMC)	0-20 (cfu/g)	10.80 cfu/g
(As)Arsenic	0-2 (ppm)	1.40 ppm
Solubility in H <sub>2</sub> O	0-0.5 (%)	0.27%
Silicon dioxide (SiO <sub>2</sub> )	>=55(%)	57.20%
Appearance (M141491)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Adsorption force (strychnine sulfate)	0.35-0.55 g/g	0.35-0.55 g/g
Carbonate	Passes test	Passes test
Chloride (Cl <sup>-</sup> )	pass	Pass

John Su  
QA & QC Manager