

## Certificate of Analysis

Date of Testing: 2022-09-08 09:03:30

Date of Next Testing: 2026-09-07 09:03:30

Product Name: **Montmorillonite**

CAS Number: 1318-93-0

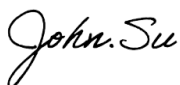
Specifications & Purity: pharmaceutical

Lot #: I2202669

SKU #: **M141491**

**Analysis: 118752**

Parameter	Limit Values	Result
PH	6-9	8.59
Loss on drying	0-10 (%)	8.09%
Total number of bacteria	0-100 (cfu/g)	12.62 cfu/g
Heavy metals	0-10 (ppm)	2.62 ppm
Coliform bacteria	0-100 (cfu/g)	3.62 cfu/g
Total yeasts and molds count(TYMC)	0-20 (cfu/g)	10.62 cfu/g
(As)Arsenic	0-2 (ppm)	1.39 ppm
Solubility in H2O	0-0.5 (%)	0.50%
Degree of expansion	2-5 (ml/g)	3.00 ml/g
Al2O3	≥15 (%)	15.70%
Silicon dioxide (SiO2)	≥55 (%)	61.80%
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-)	pass	Pass



John Su  
QA & QC Manager