

Certificate of Analysis

Date of Testing: 2025-06-26 09:47:03

Date of Next Testing: 2029-06-25 09:47:03

Product Name: **Montmorillonite**

CAS Number: 1318-93-0

Specifications & Purity: pharmaceutical grade, PharmPure™

Lot #: F2524571

SKU #: **M141491**

Version: **0**

Analysis #: **519182**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH	6-9	6.97
Loss on drying	0-10 (%)	2.01 %
Total number of bacteria	0-100 (cfu/g)	0.85 cfu/g
Heavy metals	0-10 (ppm)	1.00 ppm
Al ₂ O ₃	>=15(%)	21.81 %
Coliform bacteria	0-100 (cfu/g)	0.96 cfu/g
Total yeasts and molds count(TYMC)	0-20 (cfu/g)	0.54 cfu/g
(As)Arsenic	0-2 (ppm)	1.04 ppm
Degree of expansion	2-5 (ml/g)	3.50 ml/g
Solubility in H ₂ O	0-0.5 (%)	0.00 %
Silicon dioxide (SiO ₂)	>=55(%)	60.00 %
Appearance (M141491)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Carbonate	Passes test	Passes test
Chloride (Cl ⁻)	pass	Pass
Adsorption force (strychnine sulfate)	0.35-0.55 g/g	0.35-0.55 g/g



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager