

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-03 16:50:12

Date of Next Testing: 2030-03-02 16:50:12

Product Name: **Montmorillonite**

CAS Number: 1318-93-0

Specifications & Purity: pharmaceutical grade, PharmPure™

Lot #: B2627003

SKU #: **M141491**

Version: **0**

Analysis #: **647674**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
pH	6-9	7.56000
Loss on drying	0-10 (%)	8.85030 %
Total number of bacteria	0-100 (cfu/g)	1.25000 cfu/g
Heavy metals	0-10 (ppm)	0.32740 ppm
Al ₂ O ₃	>=15(%)	23.31260 %
Coliform bacteria	0-100 (cfu/g)	0.42500 cfu/g
Total yeasts and molds count(TYMC)	0-20 (cfu/g)	1.36200 cfu/g
(As)Arsenic	0-2 (ppm)	0.00100 ppm
Solubility in H ₂ O	0-0.5 (%)	0.08900 %
Silicon dioxide (SiO ₂)	>=55(%)	83.98000 %
Degree of expansion	2-5 (ml/g)	5.00000 ml/g
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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager