

SuperSmart® Certificate of Analysis (COA)

Product Name: Progesterone, Micronized USP

Lot Number: PRG-240706

Manufacture Date: 2024-07-06

Retest Date: 2026-07-06

Quantity: 50 kg

Test	Specification	Result	Method
Description	White to off-white crystalline powder	Conforms	Visual
Identification (IR)	Infrared absorption match to standard	Pass	USP <197K>
Assay	98.0% – 102.0%	99.4%	USP <621> HPLC
Water Content	≤ 0.5%	0.12%	USP <921> Karl Fischer
Residue on Ignition	≤ 0.1%	0.03%	USP <281>
Heavy Metals	≤ 10 ppm	<10 ppm	USP <231>
Related Substances	Individual impurity ≤ 1.0%	Max 0.3%	HPLC
	Total Impurities ≤ 2.0%	0.4%	HPLC
Particle Size	D90 < 20 microns	D90 = 12.4 µm	Laser Diffraction
Microbial Limits	< 1000 cfu/g total aerobic	< 10 cfu/g	USP <61>
	< 100 cfu/g yeast & mold	< 10 cfu/g	USP <61>
Pathogens (E. coli, etc.)	Absent	Absent	USP <62>

Conclusion: The material complies with USP specifications for Progesterone, Micronized USP.

Storage Conditions: Store in a cool, dry place, protected from light.

Packaging: Double LDPE bags inside fiber drum

Date: 04/11/25