

Certificate of Analysis

Product: Progesterone Powder
Item Number: C6689
Grade: USP
Lot Number: C01-201004
Manufacture Date: 10/14/2023
Expiration Date: 10/15/2027
Country of Origin: China

Tested Property	Specification	Analysis
Assay	97.0 - 103.0%	99.2%
Characteristics	White - Creamy White Powder	Passes
Identification A- Infrared	To meet spectrum of USP standard	Passes
Identification B- Ultraviolet	Test solution matches USP standard	Passes
Melting Range	128°C - 131°C	128.5 - 130.0°C
Specific Rotation	+175° - +183°	+182°
Loss on Drying	≤0.5%	0.10%
Residual Solvents		
Methanol	≤3000ppm	Not Detected
Ethanol	≤5000ppm	266 ppm
Toluene	≤890ppm	Not Detected
Cyclohexanone	≤50ppm	Not Detected
Impurities		
Unspecified impurities	≤0.1%	Not Detected
Sum of Impurities	≤1.0%	0.31%
Particle size		
20µm	100% Passes	Complies
10µm	90% Passes	Complies

[Progesterone Powder](#)

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