



PRODUCT SPECIFICATION SHEET

Progesterone

USP Grade

Test	Specification	Typical Results
Assay	97.0 - 103.0%	99.2%
Characteristics	White - Creamy White Powder	Passes
Identification A. Infrared	To meet spectrum of USP standard	Passes
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%
Related Substances	Impurity B.: ≤0.2%	0.06%
	Impurity C.: ≤0.3%	0.19%
	Impurity D+E.: ≤0.15%	Not Detected
	Impurity G.: ≤0.15%	0.06%
	Impurity H.: ≤0.15%	0.06%
	Impurity I.: ≤0.06%	Not Detected
	Impurity J.: ≤0.15%	Not Detected
	Impurity K.: ≤0.15%	Not Detected
	Impurity L.: ≤0.15%	Not Detected
	Impurity M.: ≤0.15%	Not Detected
	Unspecified impurities ≤0.1%	Not Detected
	Sum of Impurities, ≤1.0%	0.31%
Residual Solvents	Methanol ≤3000ppm	Not Detected
	Ethanol ≤5000ppm	266 ppm
	Toluene ≤890ppm	Not Detected
	Cyclohexanone ≤50ppm	Not Detected
Particle size	100% passes 20µm	Complies
	90% passes 10µm	Complies

Appropriate/legal use of this product is the responsibility of the user