

Certificate of Analysis

Product: Progesterone Powder
Item Number: C6689
Grade: USP
Lot Number: 241216-M
Manufacture Date: 11/09/2024
Expiration Date: 11/08/2029
Country of Origin: China

Tested Property	Specification	Analysis
Assay	97.0 - 103.0%	99.2
Characteristics	White or 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	126 - 131°C	129.0 - 130.0°C
Specific Rotation	+175° - +183°	+178.4°
Loss on Drying	< /=0.5%	0.13
Impurity B	< /=0.2%	0.07
Impurity C	< /=0.3%	0.20
Impurity D+E	< /=0.15%	Not detected
Impurity G	< /=0.15%	0.08
Impurity H	< /=0.15%	0.03
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%	0.03
Unspecified Impurities	< /=0.1%	Not detected
Sum of Impurities	< /=1.0%	0.38
Methanol	< /=3000 ppm	Not detected

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Ethanol	</=5000 ppm	608
Toluene	</=890 ppm	Not detected
Cyclohexanone	</=50 ppm	Not detected
Particle Size	100% passes 20 µm	Complies
	90% passes 10 µm	Complies

[Progesterone Powder](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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