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江苏佳尔科药业集团股份有限公司

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Certificate of Analysis

No.: C01-2024134

Product name:	Progesterone	Batch No.:	C01-240426
Quantity:	10kg	Packaging:	10kg/carton
Manuf. Date:	May 07, 2024	Sampling date:	May 14, 2024
Retest date:	May 06, 2027	Report date:	May 31, 2024
Standard:	EP11.0		
Items	Specifications	Results	
1. Appearance:	White or almost white, crystalline powder or colorless crystals	White crystalline Powder, Micronized	
2. Identification: A. Infrared absorption spectrophotometry: B. Thin-layer chromatography	A:IR spectrum of sample should correspond to that of working standard. B:Conforms to Results (254nm)	Complies	
3. Loss on drying:	0.5% Max.	0.16%	
4. Specific rotation:	+ 186° to + 194°	+ 191°	
5. Related substances:	Impurity B: 0.2% Max.	0.07%	
	Impurity C: 0.3% Max.	0.20%	
	Impurity D+E: 0.15% Max.	Not detected	
	Impurity G: 0.15% Max.	0.07%	
	Impurity H: 0.15% Max.	<0.05%	
	Impurity I: 0.6% Max.	Not detected	
	Impurity J: 0.15% Max.	Not detected	
	Impurity K: 0.15% Max.	Not detected	
	Impurity L: 0.15% Max.	Not detected	
	Impurity M: 0.15% Max.	Not detected	
	Any unspecified impurity: 0.10% Max.	Not detected	
	Sum of impurities other than H: 1.0% Max.	0.34%	
6. Assay:	97.0% to 102.0%	100.1%	
7. Residual solvents:	Methanol: 3000ppm Max. Ethanol: 5000ppm Max. Toluene: 890ppm Max. Cyclohexanone: 50ppm Max.	Not detected 216ppm Not detected Not detected	
Conclusion: The above product conforms to EP11.0.			

Prepared by: 陈燕

Reviewed by: 陈燕

Approved by: 魏文峰