

Certificate of Analysis

Product Name: Progesterone**CAS No.:** 57-83-0

Batch No.	HF20180219	Quantity	500kg
Mfg. Date	Feb.19, 2018	Package	25kg/drum
Rep. Date	Feb.21, 2018	Retest. Date	Feb.18, 2021
Items	Standards		Results
Appearance	White or almost white crystalline powder		Conforms
Identification	IR		Conforms
	TLC		Conforms
Solubility	Soluble in ethanol, sparingly in acetone, practically insoluble in water.		Conforms
Residual Solvents	Conforms		Conforms
Loss on Drying	≤0.5%		0.1%
Specific Optical Rotation	+175° ~+183°		+177°
Related Substances	Any Impurity≤0.5%		0.2%
	Total Impurities≤0.8%		0.5%
Assay	≥99%		99%
Conclusion	Product corresponds with the USP34 standard		
Storage	Store in a well-closed container away from moisture and direct sunlight.		

Tested By: Wang Chao

Checked By: Li Yan