



Specification for Progesterone, Micronized Powder, USP (P1834)

Item Number	P1834
Item	Progesterone, Micronized Powder, USP
CAS Number	57-83-0
Molecular Formula	C ₂₁ H ₃₀ O ₂
Molecular Weight	314.47
MDL Number	
Synonyms	Corpus Luteum Hormone ; 4-Pregnene-3,20-dione

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	97.0	103.0 %
MELTING RANGE	126°	131°C
SPECIFIC ROTATION, [α] _D ²⁵	+175° to +183°	
PARTICLE SIZE (through 20 microns)	90 %	
LOSS ON DRYING		0.5 %
ELEMENTAL IMPURITIES:	.	
NICKEL (Ni)	AS REPORTED	
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	SPECTRUM MATCHES REFERENCE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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