

## Progesterone (Standard)

**Cat. No.:**

HY-N0437R

**Batch No.:**

287919

**CAS No.:**

57-83-0

**Test Date:**

2023-09-15

**Expiry Date:**

2025-09-14 (Stability testing is ongoing to ensure concentration accuracy . The certificate of analysis and product expiry date will be updated upon completion of testing. You can download the latest version from our official website)

**Molecular Formula:**
 $C_{21}H_{30}O_2$ 
**Molecular Weight:**

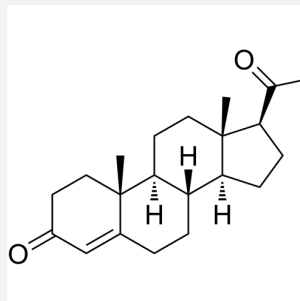
314.46

**Package:**

Brown glass bottle

**Storage:**

4°C, sealed storage, away from moisture and light

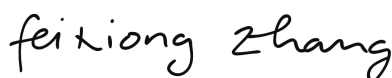

**Assay: 99.24%**

Assay (%) = (100% - Loss On Drying - Residue on ignition) \* Purity

Analytical	Specification	Result
Appearance:	White to off-white (Solid)	White (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Purity:	Not less than 90.0%	99.53% (HPLC)
Loss on drying (LOD):	<3.0%	0.179%
Residue on ignition (ROI):	N/A	0.11%
Traceability:	Fully qualified and calibrated to ISO 17025 requirements. All calibrations utilize institute of metrology traceable weights which are calibrated externally by a qualified ISO 17025 accredited calibration laboratory to metrology institute standards.	



Quality Control



Quality Assurance

