

Estradiol (Standard)

Cat. No.:

HY-B0141R

Batch No.:

287853

CAS No.:

50-28-2

Test Date:

2023-09-08

Expiry Date:

2025-09-07 (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:
 $C_{18}H_{24}O_2$
Molecular Weight:

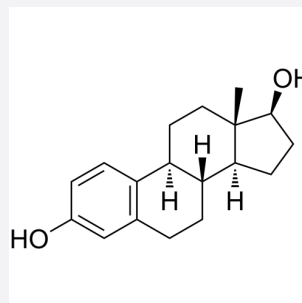
272.38

Package:

Brown glass bottle

Storage:

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

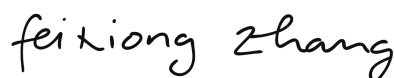

Assay: 97.88%

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

Analytical	Specification	Result
Appearance:	White to off-white (Solid)	White (Solid)
¹ H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Purity:	Not less than 90.0%	98.25% (HPLC)
Loss on drying (LOD):	<3.0%	0.344%
Residue on ignition (ROI):	N/A	0.03%
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

