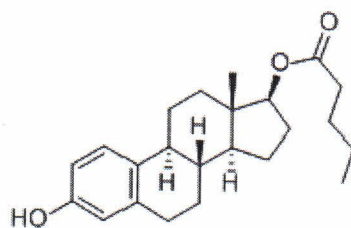


Batch no 231102
Mf date Nov 15 2023
Expiry Nov 14 2027

Molecular Structure



Molecular Formula $C_{23}H_{32}O_3$
Molecular Weight 356.5
CAS Registry Number 979-32-8

Feb 20 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White powder	Conforms
Identification	IR	Positive
Melting point	143 ~ 150°C	146.5 ~ 147.8°C
Specific optical rotation	+41 ~ +47°	+44.7°
Water	≤ 0.1%	0.05%
Limit of Estradiol	≤ 1.0%	0.04%
Ordinary impurities	≤ 2.0%	0.28%
Free acid	≤ 0.5%	Conforms
Residual solvents	Methanol ≤ 3000 ppm Methylene chloride ≤ 600 ppm	280 ppm ND
Particle size	----	100% ≤ 20 μm
Assay (oab)	98.0 ~ 102.0% of $C_{23}H_{32}O_3$	99.8%

Packaging & storage	Preserve in tight, light-resistant containers
Conclusion	Material complies with USP43