



Certificate of analysis

Productname: megestrol acetate

Cas number: 595-33-5

Molecular Formula: C₂₄H₃₂O₄

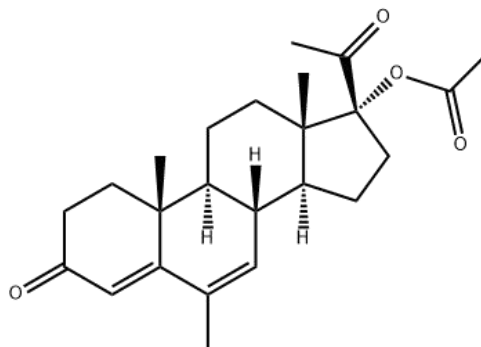
Molecular Weight: 384.51

Batch No.: 20200508

Date of production: Aug, 18, 2020

Date of Expiry: Aug, 17, 2022

Chemical structure:



Items	Specifications	Test results
Description	White to creamy white, tasteless and essentially odorless, crystalline powder	off-white crystalline powder
Identification	IR	complies
Solubility	Insoluble in water, Soluble in acetone, sparingly soluble in alcohol.	complies
Specific optical rotation	+8.8° ~ +12.0°	+9.68°
Melting range	213~220°C	217.5~219.5°C
Water	≤0.5%	0.10%
Heavy Metal	≤0.002%	complies
Residual Solvents	Methanol ≤3000ppm	N.D
	Ethanol ≤5000ppm	N.D
	Methylene chloride ≤600ppm	N.D
Assay	97.0%~103.0%	100.07%
Micron	100% ≤10um	100% ≤20um
Bacterial Endotoxins	≤0.125EU/mg	complies

Conclusion: It complies with the USP42 Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang