



Certificate of analysis

Productname: Estradiol benzoate

Cas number:50-50-0

Molecular Formula: C₂₅H₂₈O₃

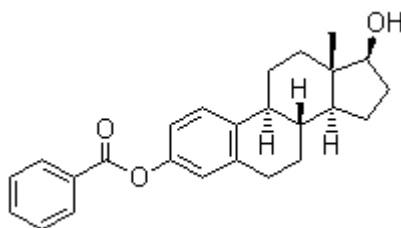
Molecular Weight: 376.49

Date of production:Apr. 10, 2015

Batch NO:20150410

Exp Date: Apr. 09, 2017

Chemical structure:



Items	Specifications	Results
Description	White or off-white crystalline powder	White crystalline powder
Identification	IR	Conforms
Solubility	Soluble in alcohol and in acetone;slightly soluble in diethyl ether;insoluble in water	Conforms
Specific optical rotation	+57° ~+63°	+59.8°
Loss on drying	≤0.5%	0.25%
Residue On Ignition	≤0.2%	0.05%
Chromatographic Purity	The sum of impurities not more than 2.0% Particularity impurities not more than 1.0%	0.98 % 0.16%
Limit of methanol and dichloromethane	Conforms to standards	Conforms
Assay	97.0~103.0% (on the dried basis)	99.33%
Particle size	Conforms to standards	Conforms

Conclusion: It complies with the USP32 Standard.

Analyst:Zhao

Checker:Liu

Q.C Director: Fang F

