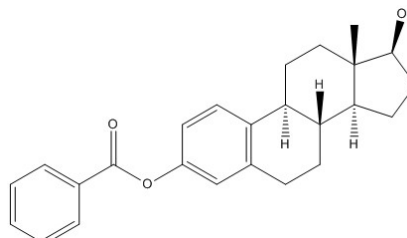


Certificate Of Analysis

Name: Estradiol benzoate
CAS No.: 50-50-0
Cat No.: A828140
Molecular Formula: C₂₅H₂₈O₃
Molecular Weight: 376.49
Batch No.: E28122022
Mfg.Date: 2022.12.28
Exp.Date: 2024.12.27



Items	Specifications	Results
Appearance	White to off-white crystalline powder	Conforms
Solubility	Soluble in alcohol and acetone, slightly Soluble in ether, insoluble in water.	Conforms
Identification	A:IR;B:HPLC	Conforms
Specific optical rotation	+57.0~+63.0°	+57.7°
Loss on drying	≤0.5%	0.08%
Residue on ignition	≤0.2%	0.06%
Limit of methanol and dichloromrthane	≤0.20%	0.04%
Chromatographic purity		
Estradiol	≤1.0%	Net detected 0.04%
17-a-Estradiol Benzoate	≤1.0%	Net detected
Estaone	≤1.0%	0.09%
Any impurity	≤1.0%	0.16%
Total impurity	≤2.0%	
Assay	97.0~103.0%	100.2%
Micron		100%≤20um
Conclusion	USP43 Standard , Conform the stipulation	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

*If you have any comments and suggestions, please contact us by sales@amadischem.com

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