



## Purity Test Report by HPLC- UV (Fluoxymesterone)



## Summary

\* We test the purity of Fluoxymesterone by HPLC-UV and the result is 95.17%

---

## Test Method

*HPLC: Agilent 1260*

*Test solution:* Dissolve 50.2 mg of Fluoxymesterone RS in mobile phase and dilute to 100 mL with the same solvent.

*Column:*

— *size:*  $l = 0.25$  m,  $\varnothing = 4.6$  mm, R (5  $\mu$ m), C18

*Mobile phase* (methanol : water = 55 : 45).

Flow rate 1 mL/min.

*Detection* Spectrophotometer at 227 nm.

*Injection* 10  $\mu$ l.

Calculation by Normalization Method

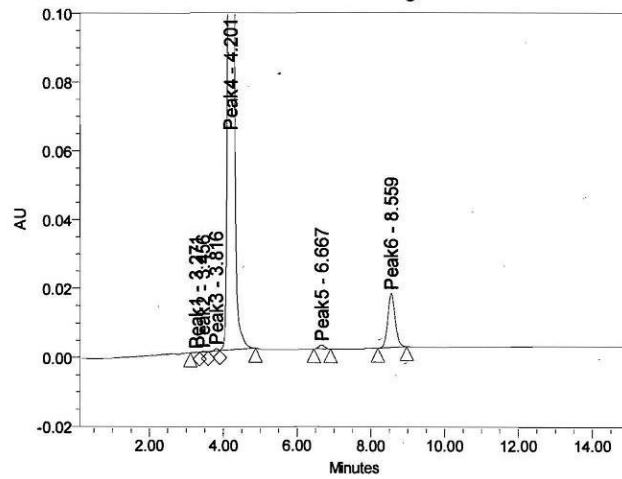
# Test Result

## SAMPLE INFORMATION

Sample Name: Fluoxymesterone  
Sample Type: Unknown  
Vial: 1  
Injection #: 1  
Injection Volume: 10.00 ul  
Run Time: 50.0 Minutes  
Sample Set Name:

Acquired By: System  
Date Acquired: 11/26/14 11:15:16 AM  
Acq. Method Set: 600 996  
Date Processed: 11/27/14 9:37:41 AM  
Processing Method: p  
Channel Name: W\In Ch1  
Proc. Chnl. Descr.: PDA 227.0 nm

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	Height	% Area	Amount	Units
1 Peak1	3.271	824	81	0.02		
2 Peak2	3.456	1360	194	0.03		
3 Peak3	3.816	5439	758	0.11		
4 Peak4	4.201	4673399	611547	95.17		
5 Peak5	6.667	12470	1175	0.25		
6 Peak6	8.559	217202	15578	4.42		