



Purity Test Report by HPLC- UV (Testosterone Undecanoate)



Summary

* We test the purity of Testosterone Undecanoate by HPLC-UV and the result is 98.44%

Test Method

HPLC: Agilent 1260

Test solution: Dissolve 201mg of Testosterone Undecanoate 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 μ m), C18

Mobile phase (acetonitrile : isopropanol : water = 40 : 40: 20).

Flow rate 1 mL/min.

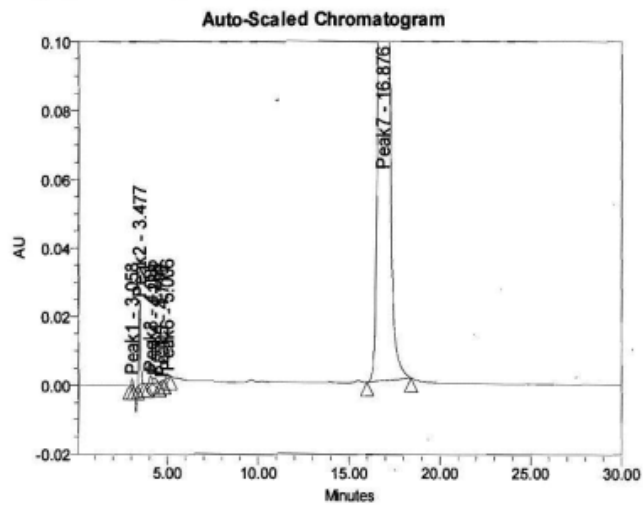
Detection Spectrophotometer at 240 nm.

Injection 10 μ l.

Calculation by Normalization Method

Test Result

SAMPLE INFORMATION			
Sample Name:	testosterone undecanoate	Acquired By:	System
Sample Type:	Unknown	Date Acquired:	11/27/14 9:43:55 AM
Vial:	1	Acq. Method Set:	600 996
Injection #:	1	Date Processed:	11/27/14 10:16:39 AM
Injection Volume:	10.00 ul	Processing Method:	p
Run Time:	50.0 Minutes	Channel Name:	WVn Ch1
Sample Set Name:		Proc. Chnl. Descr.:	PDA 240.0 nm



Peak Results

Name	RT	Area	Height	% Area	Amount	Units
1 Peak1	3.058	11340	2092	0.08		
2 Peak2	3.477	166792	24848	1.12		
3 Peak3	4.095	21233	2306	0.14		
4 Peak4	4.288	18686	1362	0.13		
5 Peak5	4.716	2379	259	0.02		
6 Peak6	5.006	12111	1139	0.08		
7 Peak7	16.876	14671835	555342	98.44		