



Purity Test Report by HPLC- UV (Testosterone Propionate)



Summary

* We test the purity of Testosterone Propionate by HPLC-UV and the result is 99.25%

Test Method

HPLC: Agilent 1260

Test solution: Dissolve 98 mg of Testosterone Propionate 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 (methanol : water = 80 : 20).

Flow rate 1 ml/min.

Detection Spectrophotometer at 241 nm.

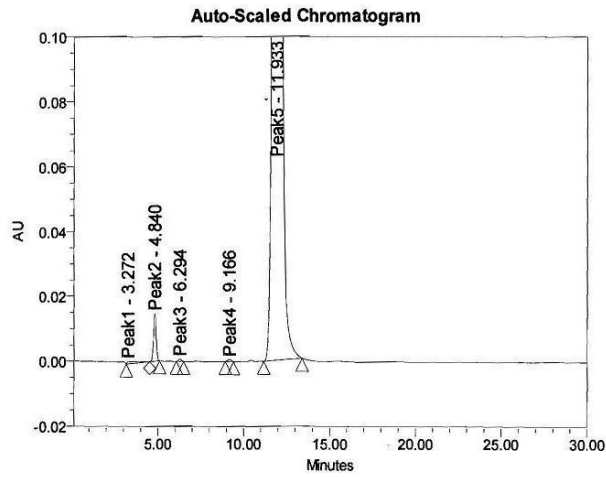
Injection 10 μ l.

Calculation by Normalization Method

Test Result

SAMPLE INFORMATION

| | | | |
|-------------------|-------------------------|---------------------|---------------------|
| Sample Name: | Testosterone Propionate | Acquired By: | System |
| Sample Type: | Unknown | Date Acquired: | 11/26/14 3:47:15 PM |
| Vial: | 1 | Acq. Method Set: | 600 996 |
| Injection #: | 3 | Date Processed: | 11/27/14 9:52:20 AM |
| Injection Volume: | 10.00 ul | Processing Method: | p |
| Run Time: | 50.0 Minutes | Channel Name: | WIn Ch1 |
| Sample Set Name: | | Proc. Chnl. Descr.: | PDA 241.0 nm |



Peak Results

| Name | RT | Area | Height | % Area | Amount | Units |
|---------|--------|----------|---------|--------|--------|-------|
| 1 Peak1 | 3.272 | 29803 | 769 | 0.11 | | |
| 2 Peak2 | 4.840 | 156682 | 14718 | 0.58 | | |
| 3 Peak3 | 6.294 | 8843 | 770 | 0.03 | | |
| 4 Peak4 | 9.166 | 9335 | 652 | 0.03 | | |
| 5 Peak5 | 11.933 | 26941670 | 1209715 | 99.25 | | |