

Analysis Report

Prepared For: _____

Prepared By: _____

Analytical method

Mobile Phase A: Water

Mobile Phase B: Methanol

Wavelength: 241 nm

Testing Site and Date

Testing Site: _____

Testing Date: 01/27/15

Analyte

Product name: 202179-I

Name: E--- Testosterone Decanoate

Condition while received: Well

Storage Condition after received: Room Temperature

There was no discrepancy when sample received.

Analytical Instrument

Equipment: High-Performance Liquid Chromatography

ID Number: HPLC-025

Software: Millennium v. 4.00

Result (original chromatograms see attachment):

Assay Percent %: 99.5%

Analyst: _____

Date: 01/28/15

Auditor: _____

Date: 01/28/15

Project: PF15F0014
Analytical Run: AR07 TD

Current Date: 1/28/2015
Current Time: 9:14:24 AM

Peak Results
Name: TD

	SampleName	Name	Sample Type	Area	Retention Time (min)	Concentration	Units	Dilution
1	TD 5ug/mL	TD	Standard	143950	7.500	5.00000	ug/mL	1.00
2	TD 10ug/mL	TD	Standard	344445	7.500	10.00000	ug/mL	1.00
3	TD 20ug/mL	TD	Standard	768835	7.509	20.00000	ug/mL	1.00
4	TD 50ug/mL	TD	Standard	2196568	7.519	50.00000	ug/mL	1.00
5	TD 100ug/mL	TD	Standard	4494292	7.493	100.00000	ug/mL	1.00
6	S1 20ug/mL	TD	Unknown	801443	7.508	19.89219	ug/mL	1.00
7	S1 20ug/mL	TD	Unknown	801919	7.515	19.90251	ug/mL	1.00
8	S1 20ug/mL	TD	Unknown	800697	7.515	19.87600	ug/mL	1.00

Project: PF15F0014

Compound: TD

Analytical Run: AR07 TD

Current Date: 1/28/2015

Current Time: 9:14:51 AM

Date Calibrated: 1/28/2015 9:13:51 AM

Date Acquired: 1/27/2015 4:52:14 PM

Intercept: -115011.396036

Slope: 46071.062055

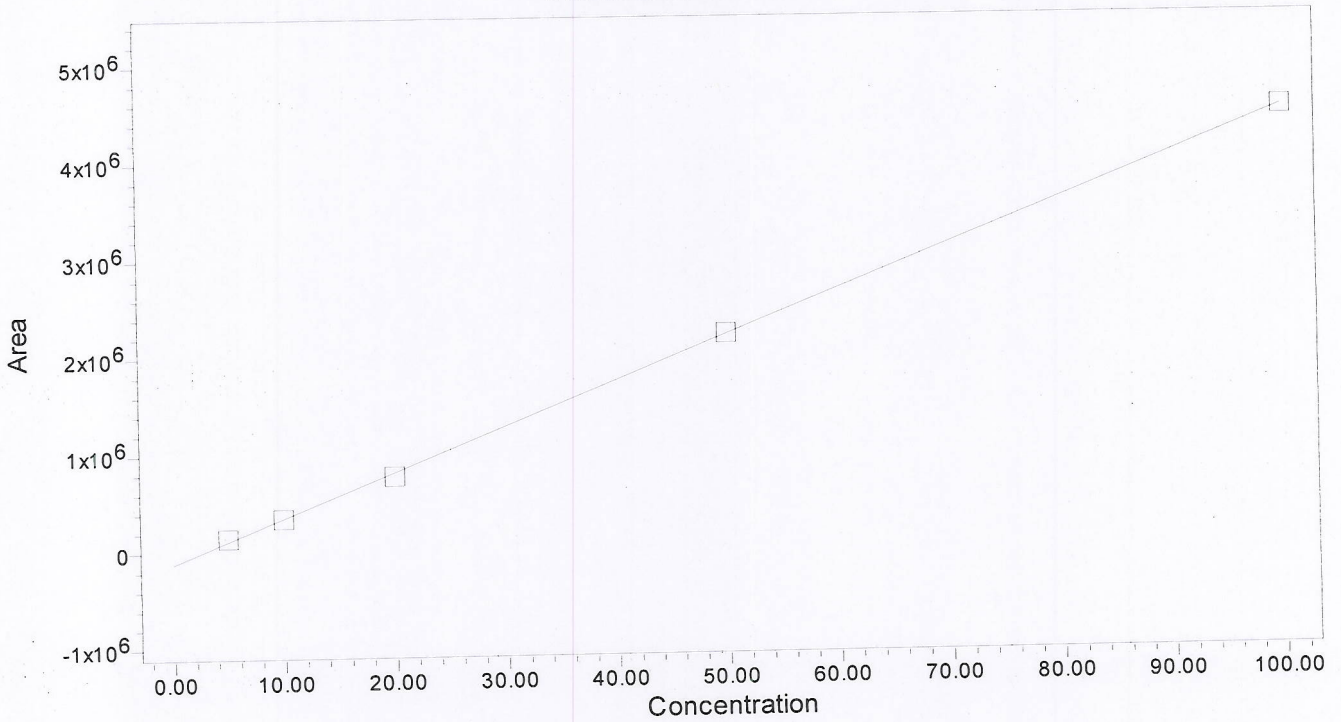
r: 0.999912

Fit Type: Linear (1st Order)

Weighting: None

Units: ug/mL

Calibration Plot



	Name	Level	X Value	Response	Calc. Value	% Deviation	Manual	Ignore
1	TD	W1	5.000000	143950.000000	5.620912	12.41824	No	No
2	TD	W2	10.000000	344445.000000	9.972776	-0.27224	No	No
3	TD	W3	20.000000	768835.000000	19.184415	-4.07792	No	No
4	TD	W4	50.000000	2196567.500000	50.174205	0.34841	No	No
5	TD	W5	100.000000	4494292.000000	100.047691	0.04769	No	No

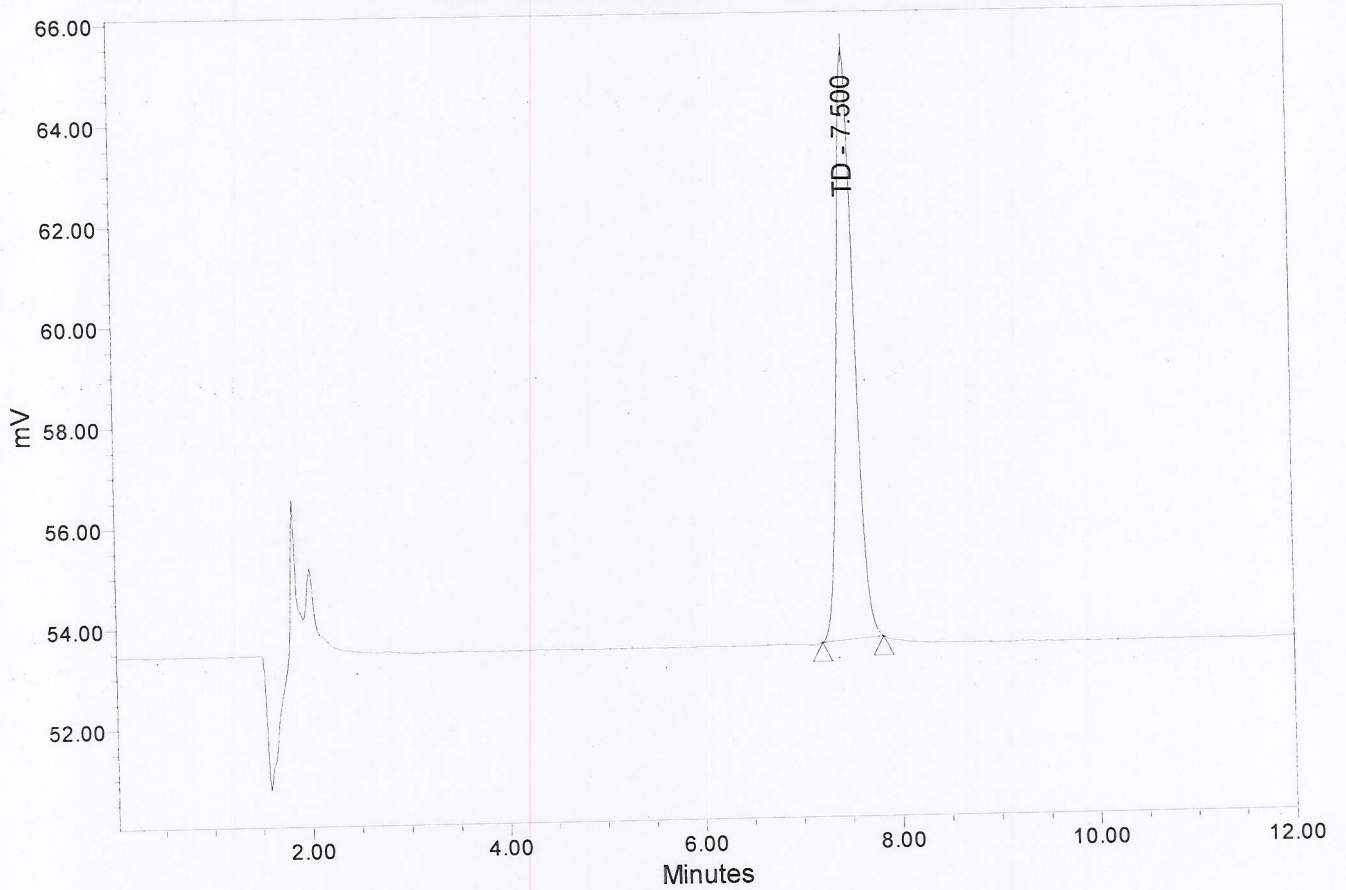
Software Version 4.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:14:58 AM
Date Acquired: 1/27/2015 4:52:14 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: TD 5ug/mL
Injection Id: 2626

Auto-Scaled Chromatogram



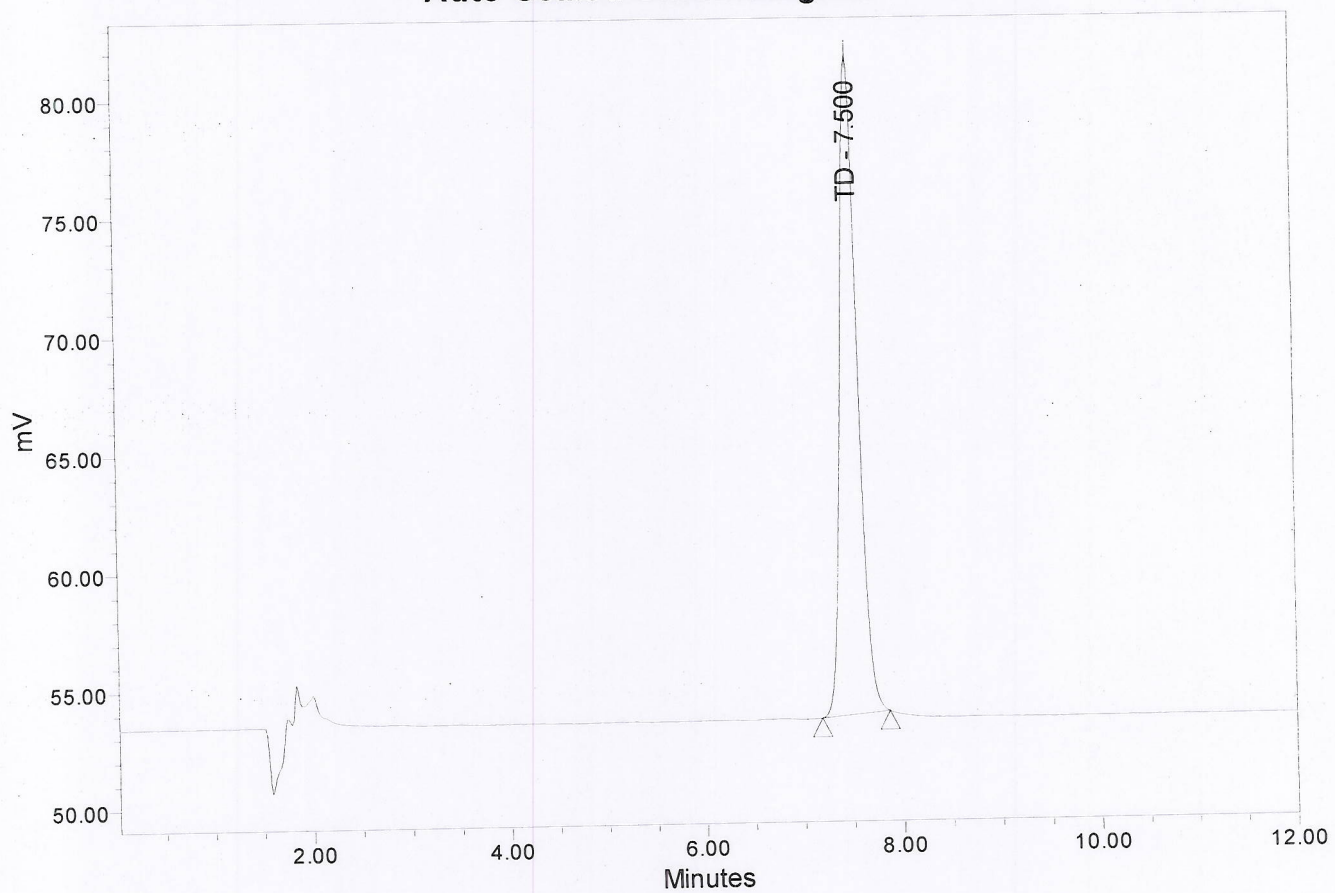
Name	SampleName	RT	Height	Area	Vial	% Area	
1	TD	TD 5ug/mL	7.500	11796	143950	1	100.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:15:03 AM
Date Acquired: 1/27/2015 5:05:01 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: TD 10ug/mL
Injection Id: 2629

Auto-Scaled Chromatogram



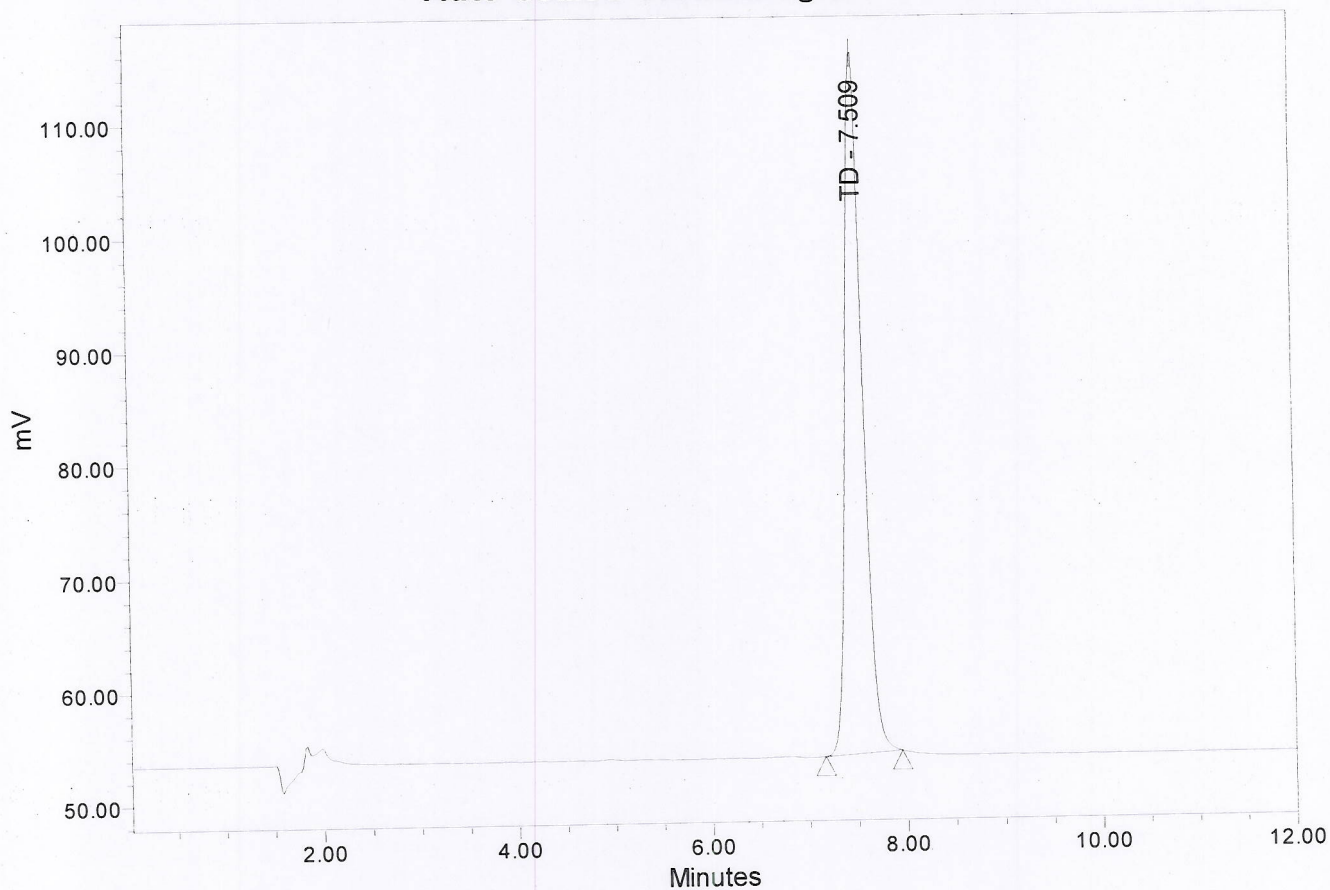
Name	SampleName	RT	Height	Area	Vial	% Area	
1	TD	TD 10ug/mL	7.500	28089	344445	2	100.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:15:06 AM
Date Acquired: 1/27/2015 5:17:51 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: TD 20ug/mL
Injection Id: 2632

Auto-Scaled Chromatogram



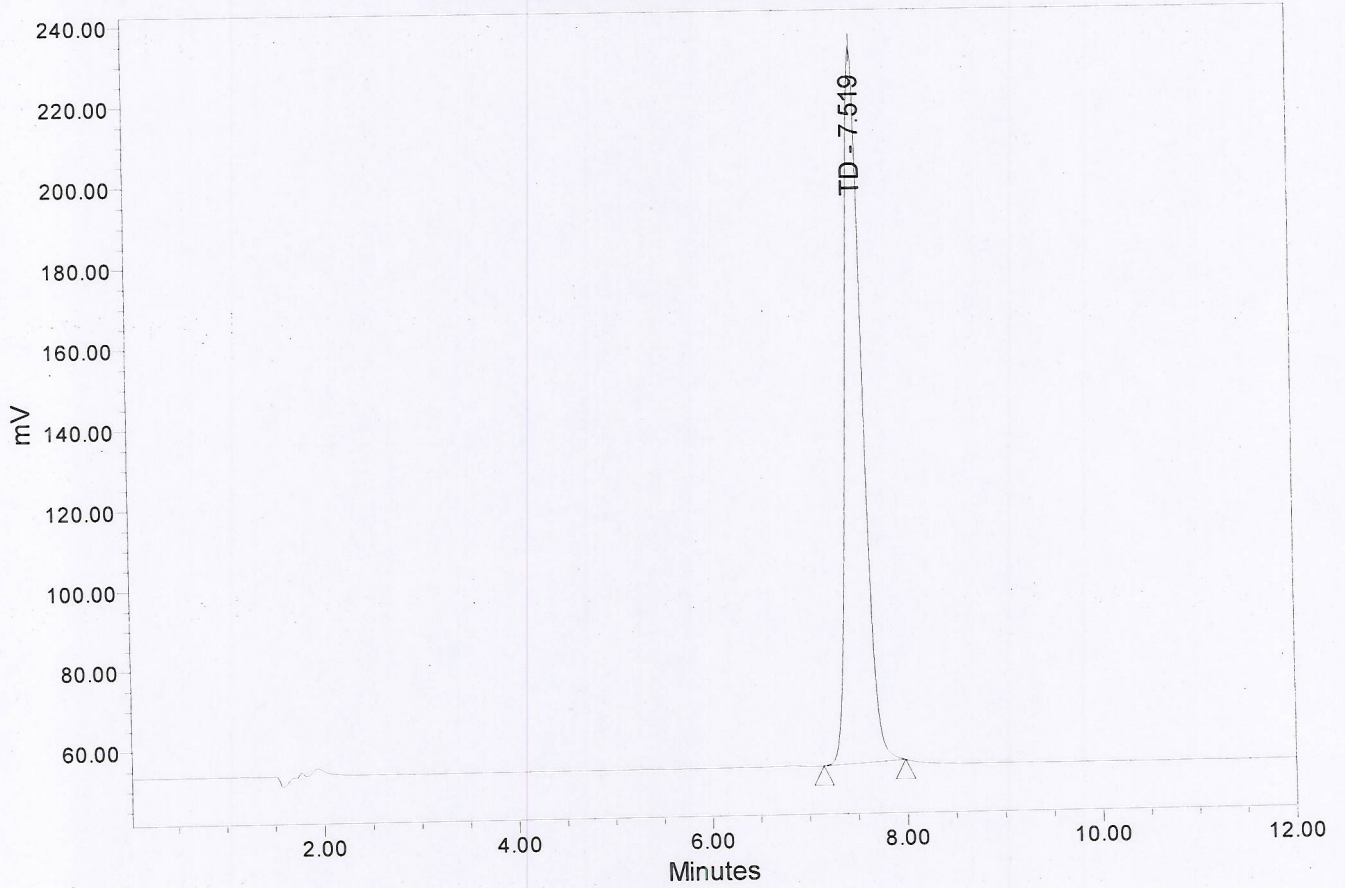
Name	SampleName	RT	Height	Area	Vial	% Area	
1	TD	TD 20ug/mL	7.509	62345	768835	3	100.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:15:08 AM
Date Acquired: 1/27/2015 5:30:38 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: TD 50ug/mL
Injection Id: 2635

Auto-Scaled Chromatogram



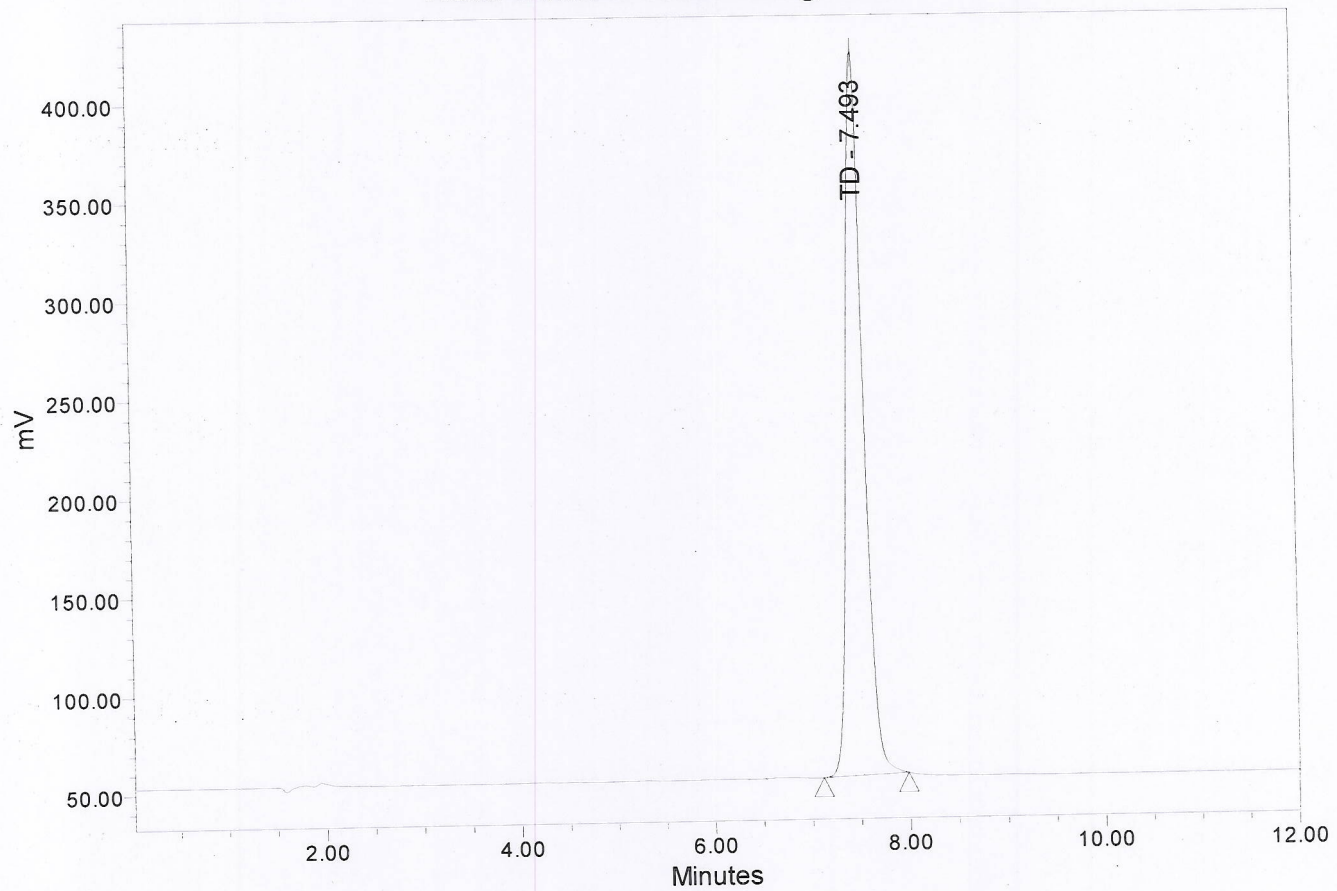
Name	SampleName	RT	Height	Area	Vial	% Area
1 TD	TD 50ug/mL	7.519	179086	2196568	4	100.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:15:11 AM
Date Acquired: 1/27/2015 5:43:27 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: TD 100ug/mL
Injection Id: 2638

Auto-Scaled Chromatogram



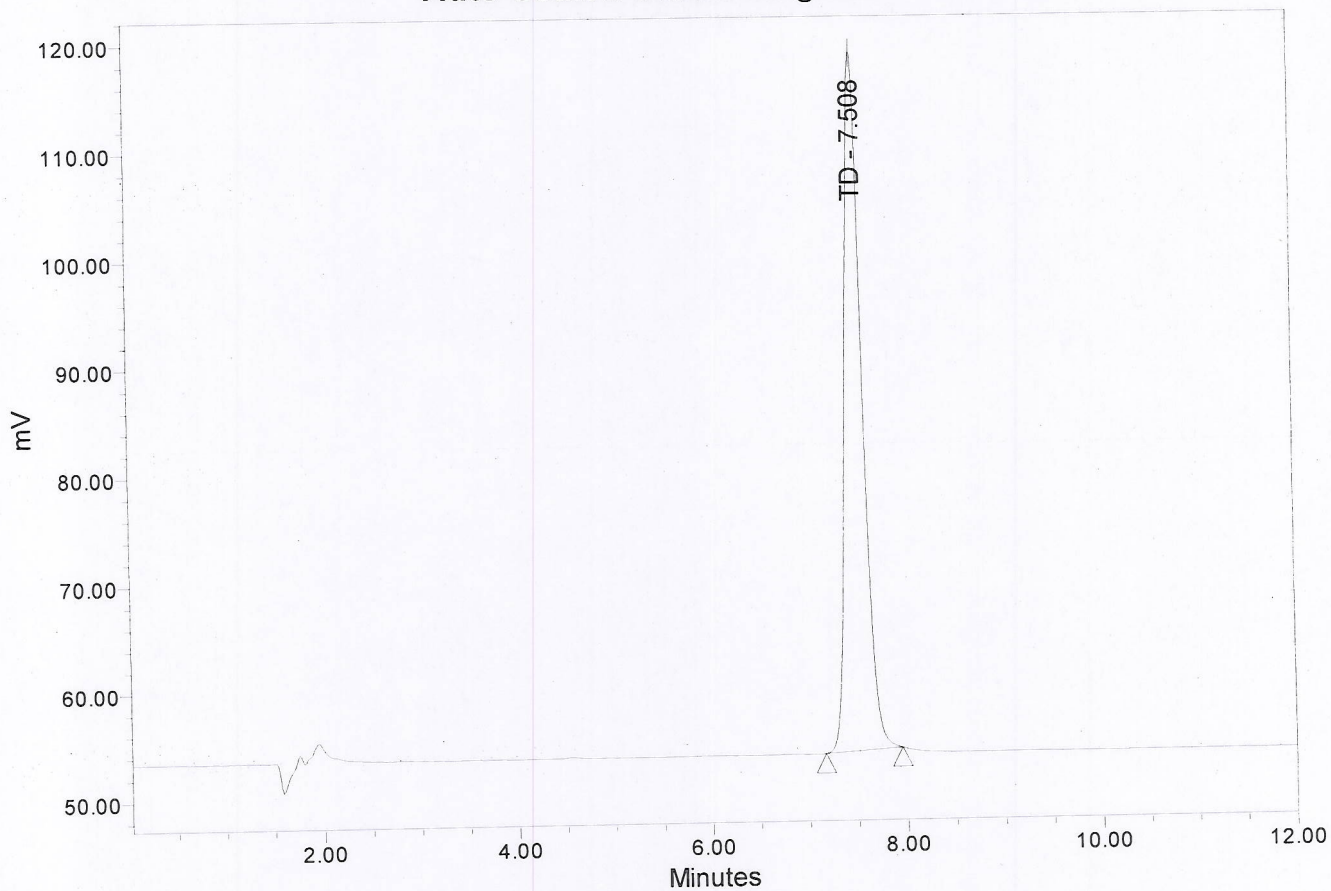
Name	SampleName	RT	Height	Area	Vial	% Area	
1	TD	TD 100ug/mL	7.493	369820	4494292	5	100.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:15:13 AM
Date Acquired: 1/27/2015 5:56:16 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: S1 20ug/mL
Injection Id: 2641

Auto-Scaled Chromatogram



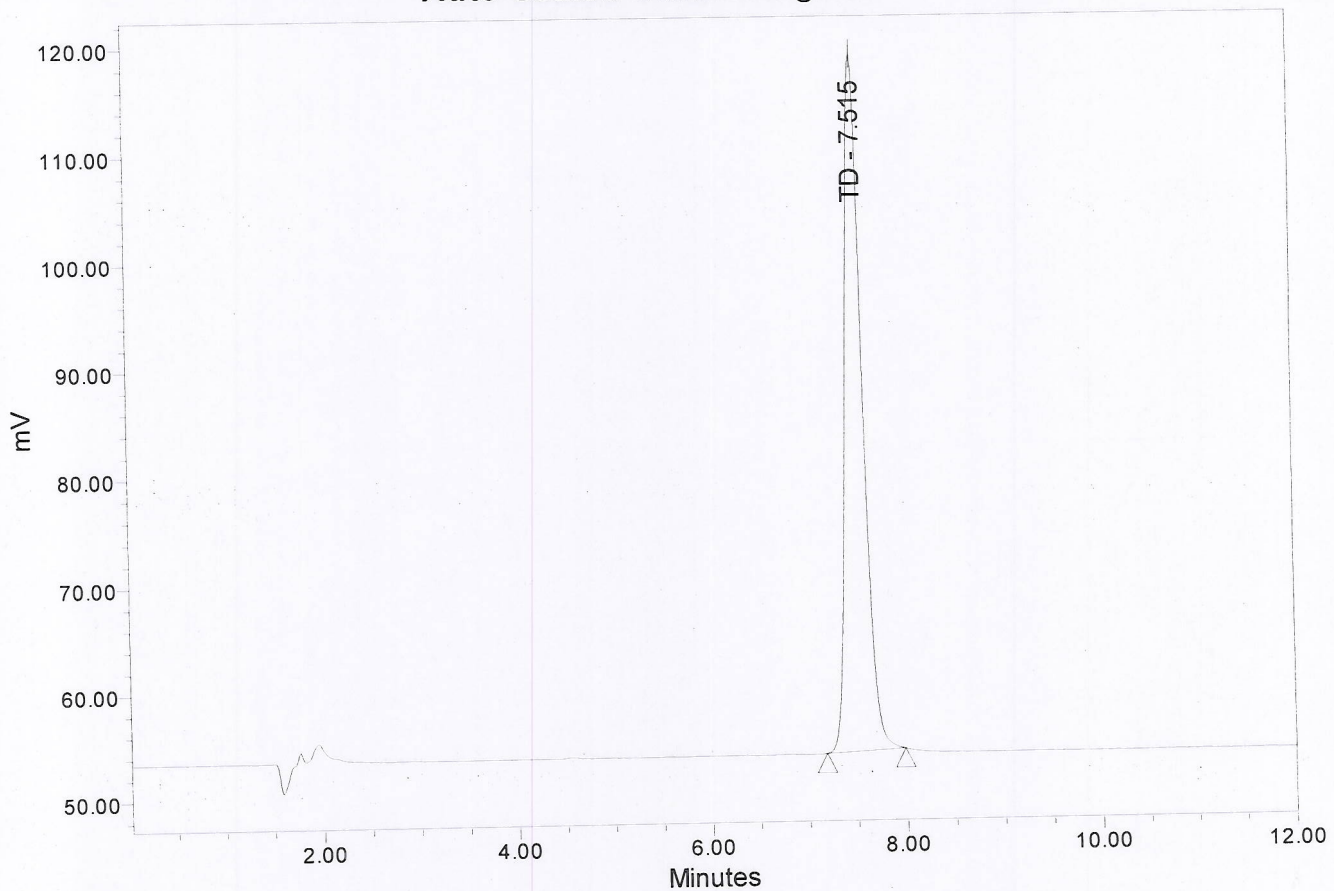
Name	SampleName	RT	Height	Area	Vial	% Area
1 TD	S1 20ug/mL	7.508	65283	801443	6	100.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:15:16 AM
Date Acquired: 1/27/2015 6:09:03 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: S1 20ug/mL
Injection Id: 2644

Auto-Scaled Chromatogram



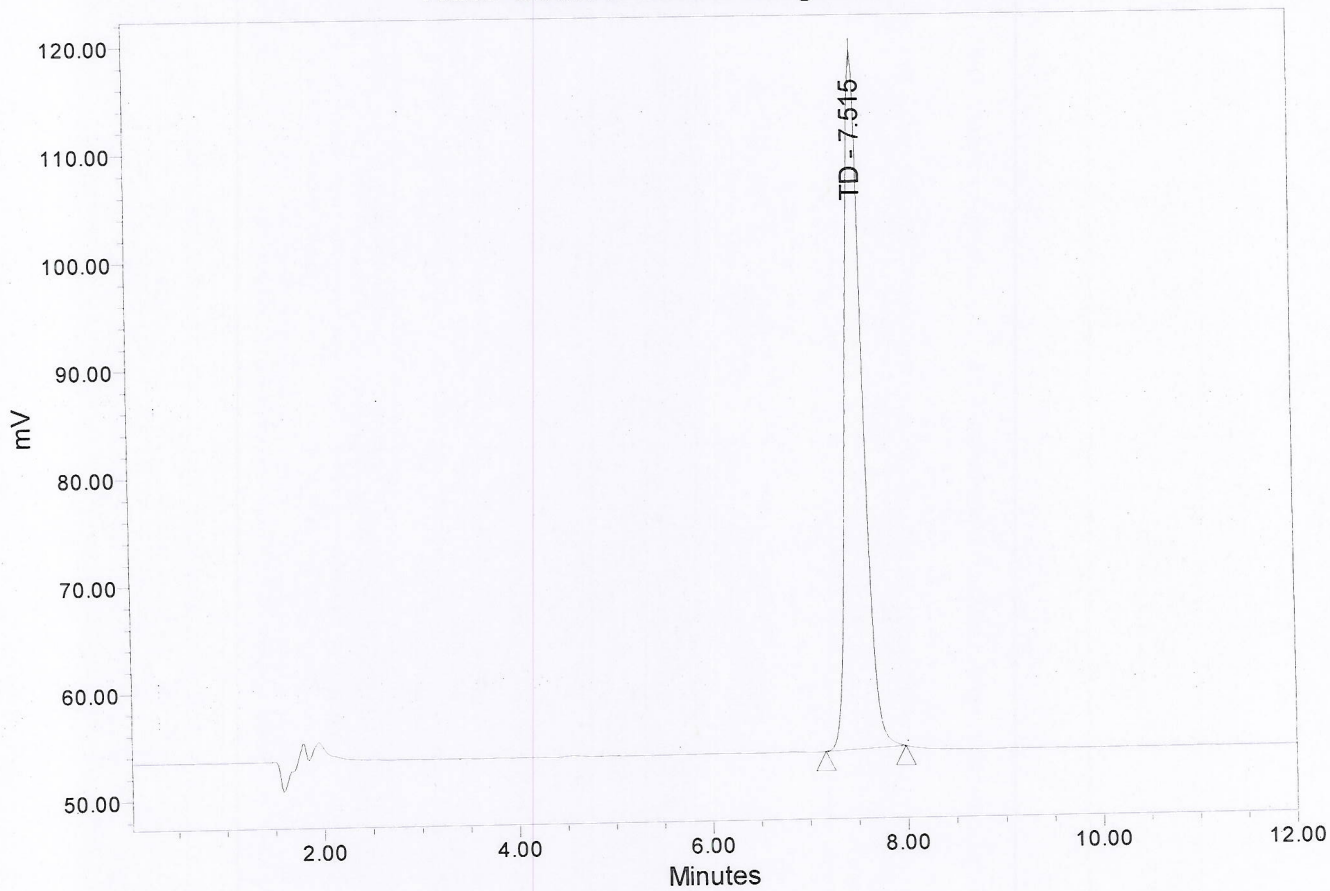
Name	SampleName	RT	Height	Area	Vial	% Area
1 TD	S1 20ug/mL	7.515	65270	801919	7	100.00

Project: PF15F0014
Compound: TD

Current Date: 1/28/2015
Current Time: 9:15:19 AM
Date Acquired: 1/27/2015 6:21:51 PM
Date Calibrated: 1/28/2015 9:13:51 AM

Analytical Run: AR07 TD
Text: S1 20ug/mL
Injection Id: 2647

Auto-Scaled Chromatogram



Name	SampleName	RT	Height	Area	Vial	% Area
1 TD	S1 20ug/mL	7.515	65209	800697	8	100.00

AR07 Testosterone Decanoate

HPLC Condition

Solvent A: Water

Solvent B: Methanol

Mobile Phase: Solvent A:Solvent B (5:95, v/v)

Flow Rate (mL/min): 1.00

Wavelength:241 nm

Column: ZORBAX Eclipse Plus dC18, 150 × 4.6 mm, 5 μm, Agilent

	Calculated Conc.(ug/mL)	Mean Actual Conc.(ug/mL)	Theoretical Conc.(ug/mL)	Assay Percent %
S1-1	19.9	19.9	20.0	99.5
S1-2	19.9			
S1-3	19.9			