

## Analysis Report

Prepared For: \_\_\_\_\_

Prepared By: \_\_\_\_\_

### Analytical method

Mobile Phase A: 0.1% Formic Acid in Water

Mobile Phase B: 0.1% Formic Acid in Acetonitrile

### Testing Site and Date

Testing Site: \_\_\_\_\_ Testing Date: 11/04/14

### Analyte

Name: Stanozolol (ST)

Condition while received: Well

Storage Condition after received: Room Temperature

There was no discrepancy when sample received.

### Analytical Instrument

Equipment: High-Performance Liquid Chromatography with Mass Spectrometric  
(MS/MS) Detection

ID Number: HPLC-023/MSMS-017

Software: MassLynx v.4.1

### Result (original mass-spectrogram see attachment):

The sample has same Mass Transition with the standard.

The compound in sample is Stanozolol.

Assay Percent%: 98.2

Analyst: \_\_\_\_\_

Date: 11/04/14

Auditor: \_\_\_\_\_

Date: 11/04/14

Stanozolol ( ST )  
Molecular weight:328.49

HPLC-023 Condition

Solvent A: 0.1% Formic Acid in Water

Solvent B: 0.1% Formic Acid in Acetonitrile

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

Flow Rate (mL/min): 0.300

MSMS-017 Condition:

Cone (V)	20
Collision (eV)	40
Dwell Time (secs)	0.3
Delay Time (secs)	0.00
Ionization Mode	ES+
Source Temperature (°C)	130
Desolvation Temperature	350
Cone Gas (L/hr)	84
Desolvation Gas (L/hr)	805
Capillary (kV)	0.5
Hex 1 (V)	30
Aperture (V)	0.5
Hex 2 (V)	1.0
LM/HM Resolution 1	13.0
Ion Energy 1 (V)	0.5
LM/HM Resolution 2	12.0
Ion Energy 2 (V)	1.0
Entrance	-1.0
Exit	1.0
Multiplier (V)	650

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	Standard	Sample
Mass Transition	329.14>80.96	329.14>80.96

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**Stanozolol**

ST STAND 001 1 (0.044)

100

329.14

Scan ES+  
6.74e7





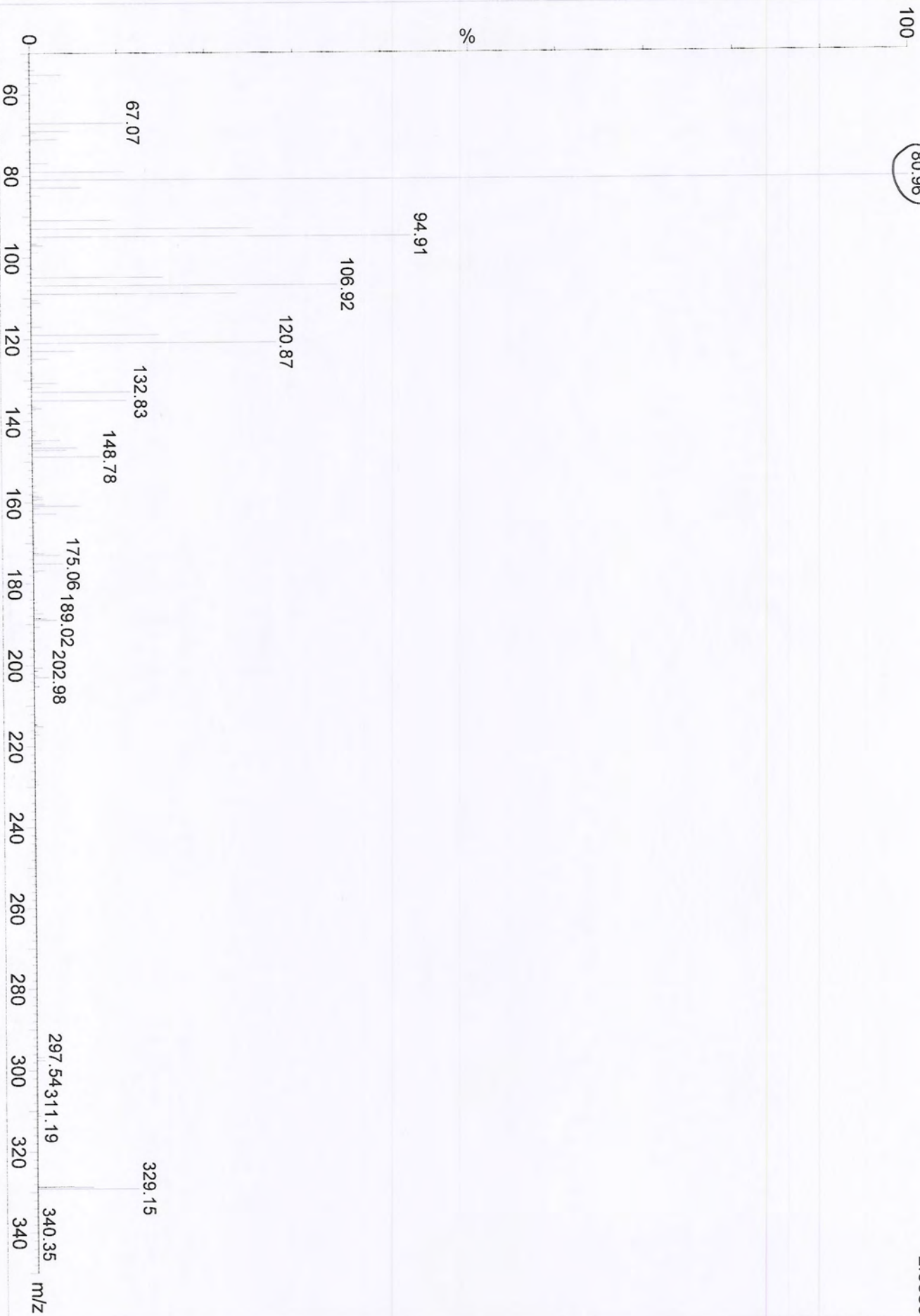
**Stanozolol 40**

ST STAND 002 1 (0.044)

100

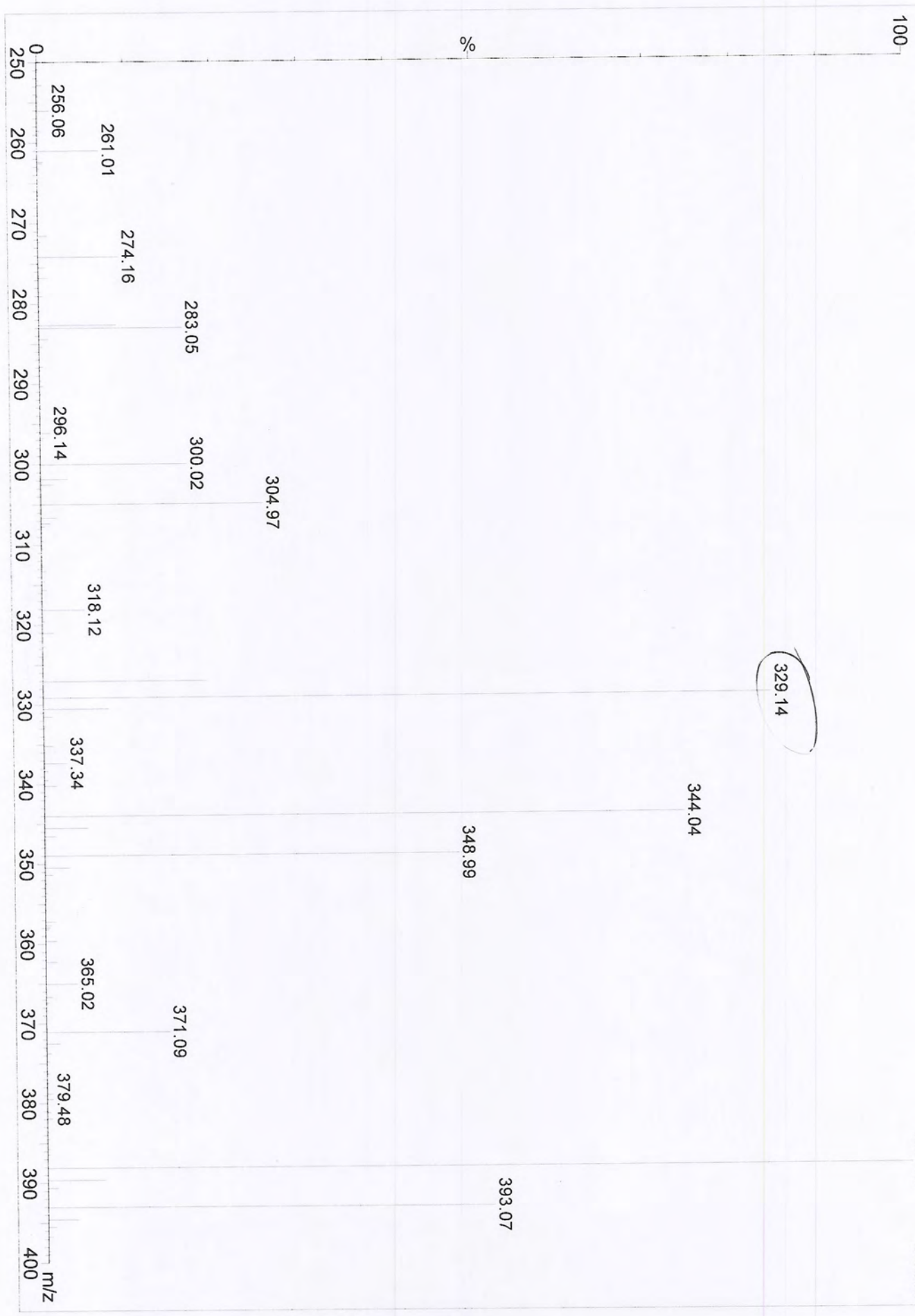
80.96

Daughters of 329ES+  
2.63e6



**Stanozolol**  
ST SAMPLE 001 1 (0.044)

Scan ES+  
6.88e7



Stanozolol 40

ST SAMPLE 002.1 (0.044)

100

80.96

Daughters of 329ES+  
2.71e6





**Quantify Compound Summary Report MassLynx 4.1**

Dataset: \_\_\_\_\_  
Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
By \_\_\_\_\_  
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By \_\_\_\_\_

Method: \_\_\_\_\_ 04 Nov 2014 14:28:05

Calibration: 04 Nov 2014 14:28:12

**Compound name: ST**

Correlation coefficient:  $r = 0.998482$ ,  $r^2 = 0.996966$


Calibration curve:  $0.949131 * x + 7.76152$

Response type: External Std, Area

Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: Ln

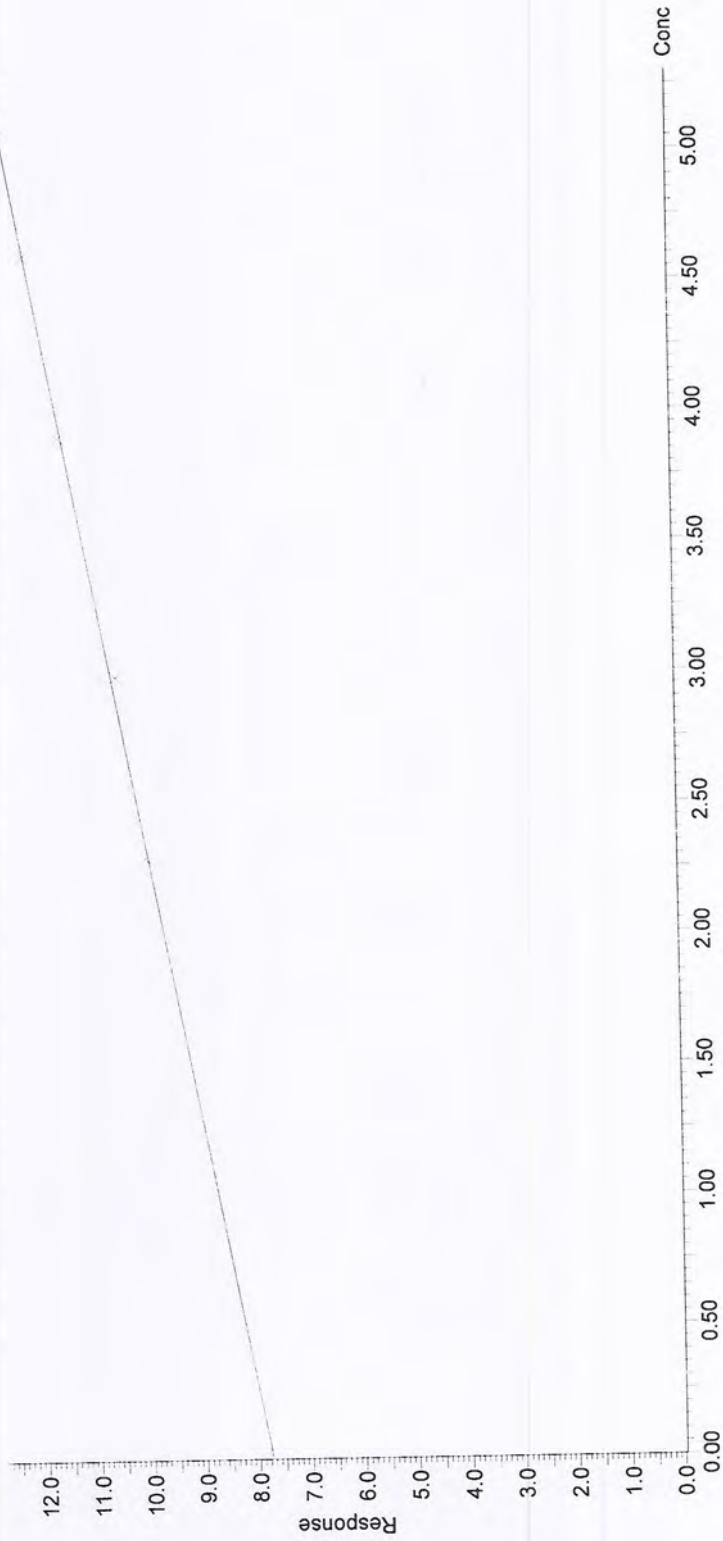
#	Sample Text	ID	Type	Area	Conc.	%Dev	Factor1	RT	Primary Flags	Response
1	ST Std 10 ng/mL	W1	Standard	21810	10.5	4.65	1.0	3.87	bb	21809.762
2	ST Std 20 ng/mL	W2	Standard	36596	18.1	-9.73	1.0	3.88	bb	36596.406
3	ST Std 50 ng/mL	W3	Standard	101486	52.9	5.76	1.0	3.87	bb	101485.516
4	ST Std 100 ng/mL	W4	Standard	191478	103	3.22	1.0	3.87	bb	191478.109
5	ST Std 200 ng/mL	W5	Standard	348409	194	-3.03	1.0	3.87	bb	348408.656
6	ST 50 ng/mL		Analyte	95375	49.5		1.0	3.89	bb	95375.336
7	ST 50 ng/mL		Analyte	87408	45.2		1.0	3.88	bb	87408.477
8	ST 50 ng/mL		Analyte	100901	52.6		1.0	3.88	bb	100901.281

Quantify Calibration Report MassLynx 4.1

Dataset:  Tuesday, November 04, 2014 14:28:47 China Standard Time  
Signature: At  
By  
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By

Method: C:\PROJECTS\PF14F-0002.PRO\MethDB\ST.mdb 04 Nov 2014 14:28:05  
Calibration: 04 Nov 2014 14:28:12

Compound name: ST  
Correlation coefficient:  $r = 0.998482$ ,  $r^2 = 0.996966$   
Calibration curve:  $0.949131 * x + 7.76152$   
Response type: External Std, Area  
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: Ln





Dataset: [REDACTED]  
 Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
 By [REDACTED]  
 Reason Saving the TargetLynx  
 Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
 By [REDACTED]

Method: [REDACTED] 04 Nov 2014 14:28:05  
 Calibration: 04 Nov 2014 14:28:12

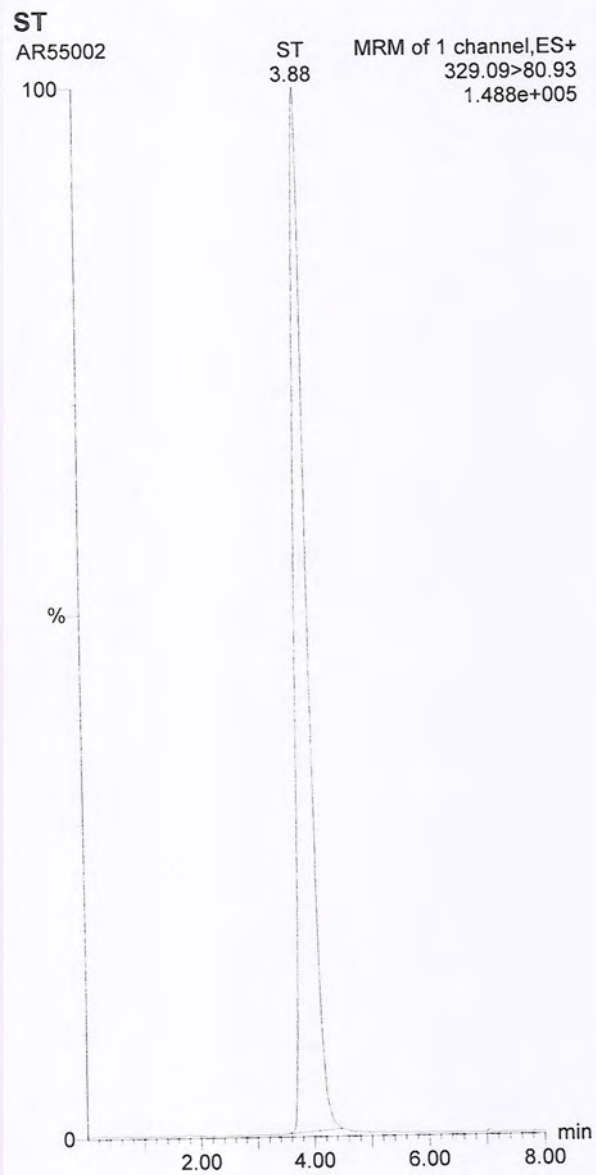
Name: AR55001, Date: 04-Nov-2014, Time: 13:05:47, ID: W1, Description: ST Std 10 ng/mL



#	Name	Area	Conc..	RT.	Primary Flags
1	ST	21810	10.5	3.87	bb

Dataset:   
Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
By   
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By

Name: AR55002, Date: 04-Nov-2014, Time: 13:15:02, ID: W2, Description: ST Std 20 ng/mL



#	Name	Area	Conc.	RT.	Primary Flags
1	ST	36596	18.1	3.88	bb

Dataset:   
Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
By   
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By

Name: AR55003, Date: 04-Nov-2014, Time: 13:24:16, ID: W3, Description: ST Std 50 ng/mL

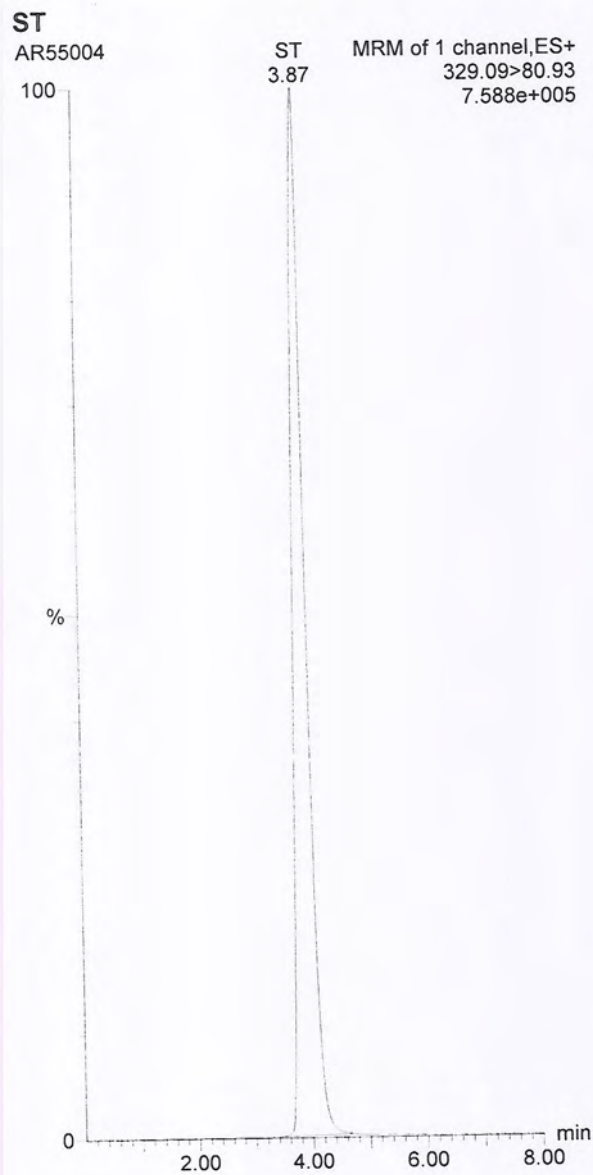


#	Name	Area	Conc.	RT.	Primary Flags
1	ST	101486	52.9	3.87	bb



Dataset:   
Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
By   
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By

Name: AR55004, Date: 04-Nov-2014, Time: 13:33:28, ID: W4, Description: ST Std 100 ng/mL



#	Name	Area	Conc.	RT.	Primary Flags
1	ST	191478	103.2	3.87	bb

Dataset:   
Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
By   
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By

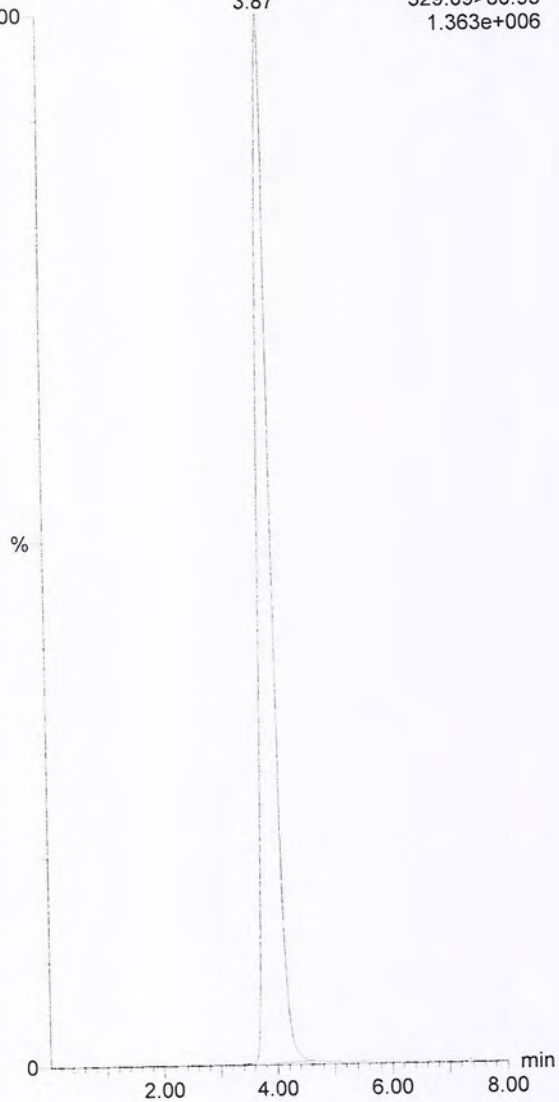
Name: AR55005, Date: 04-Nov-2014, Time: 13:42:40, ID: W5, Description: ST Std 200 ng/mL

ST

AR55005

ST  
3.87

MRM of 1 channel, ES+  
329.09>80.93  
1.363e+006



#	Name	Area	Conc.	RT.	Primary Flags
1	ST	348409	193.9	3.87	bb

Dataset:   
 Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
 By   
 Reason Saving the TargetLynx  
 Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
 By

Name: AR55006, Date: 04-Nov-2014, Time: 13:51:54, ID: , Description: ST 50 ng/mL



#	Name	Area	Conc.	RT	Primary Flags
1	ST	95375	49.5	3.89	bb



Dataset:   
Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
By   
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By

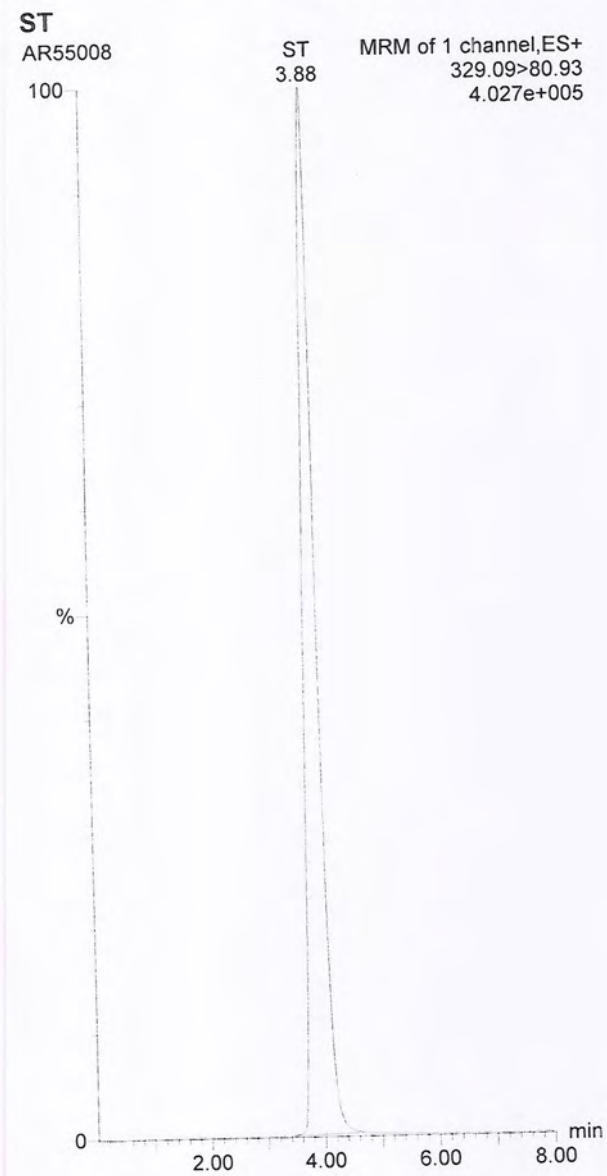
Name: AR55007, Date: 04-Nov-2014, Time: 14:01:07, ID: , Description: ST 50 ng/mL



#	Name	Area	Conc..	RT.	Primary Flags
1	ST	87408	45.2	3.88	bb

Dataset:   
Signature: At Tuesday, November 04, 2014 14:28:47 China Standard Time  
By   
Reason Saving the TargetLynx  
Printed: At Tuesday, November 04, 2014 14:29:18 China Standard Time  
By

Name: AR55008, Date: 04-Nov-2014, Time: 14:10:21, ID: , Description: ST 50 ng/mL



#	Name	Area	Conc.	RT.	Primary Flags
1	ST	100901	52.6	3.88	bb

AR55

Stanozolol

HPLC Condition

Solvent A: 0.1% Formic Acid in Water

Solvent B: 0.1% Formic Acid in Acetonitrile

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

Flow Rate (mL/min): 0.3

Column: Waters Atlantis dC18, 150 × 2.1 mm, 5 µm, Column

	Calculated Conc.(ng/mL)	Mean Actual Conc.(ng/mL)	Theoretical Conc.(ng/mL)	Assay Percent %
S1-1	49.5	49.1	50.0	98.2
S1-2	45.2			
S1-3	52.6			