Project: PF14F0002

Compound: OD

Analytical Run: AR09
Current Date: 3/5/2014
Current Time: 8:46:39 AM
Date Calibrated: 3/5/2014 8:46:30 AM
Date Acquired: 3/4/2014 4:17:18 PM

Intercept: -69936.988793

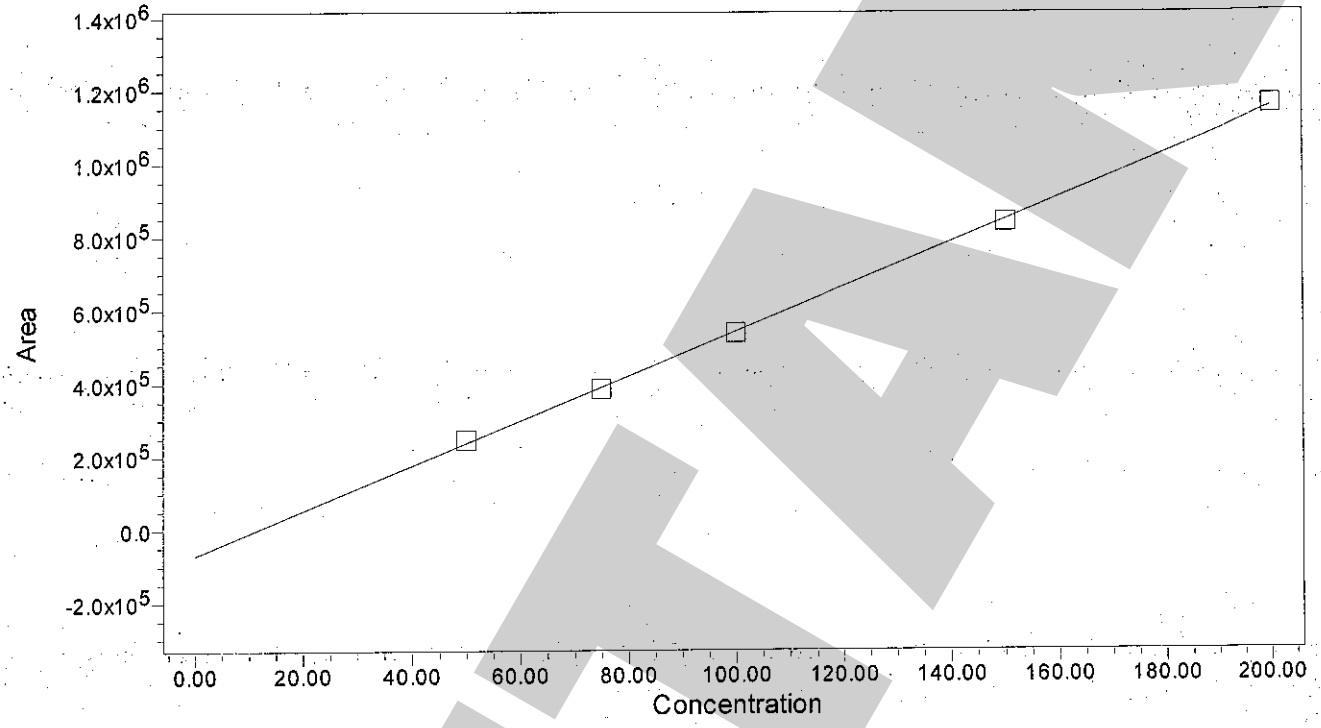
Slope: 6114.771207

r: 0.999818

Fit Type: Linear (1st Order)
Weighting: None

Units: ug/mL

Calibration Plot



	Name	Level	X Value	Response	Calc. Value	% Deviation	Manual	Ignore
1	OD	W1	50.000000	244385.700000	51.403835	2.80767	No	No
2	OD	W2	75.000000	383938.600000	74.226095	-1.03187	No	No
3	OD	W3	100.000000	537973.800000	99.416768	-0.58323	No	No
4	OD	W4	150.000000	840489.600000	148.889723	-0.74018	No	No
5	OD	W5	200.000000	1159520.800000	201.063580	0.53179	No	No

Software Version 4.00

Project: PF14F0002
Analytical Run: AR09

Current Date: 3/5/2014
Current Time: 8:46:55 AM

Peak Results
Name: OD

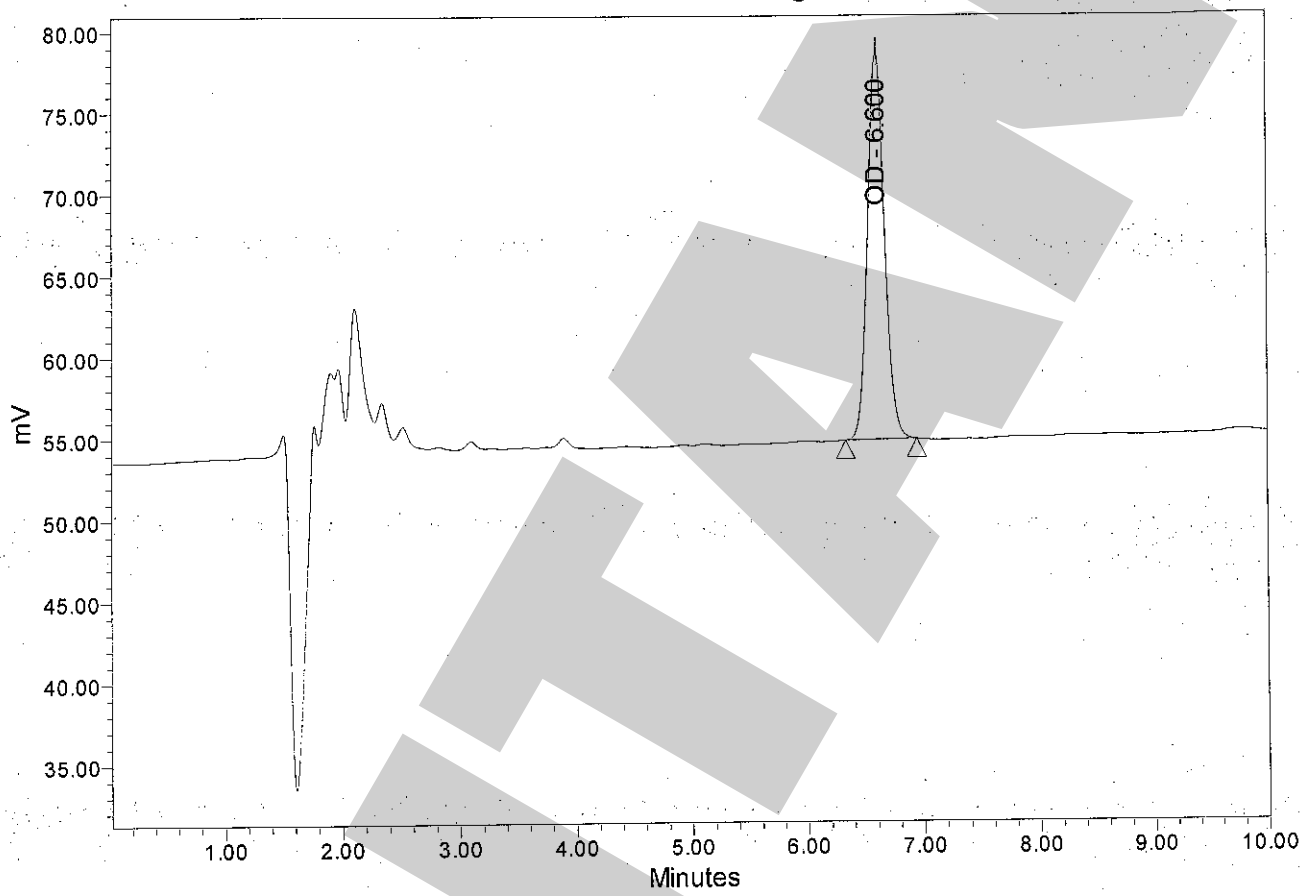
	SampleName	Name	Label	Sample Type	Area	Concentration	Units	Dilution
1	OD 50ug/mL	OD		Standard	244386	50.00000	ug/mL	1.00
2	OD 75ug/mL	OD		Standard	383939	75.00000	ug/mL	1.00
3	OD 100ug/mL	OD		Standard	537974	100.00000	ug/mL	1.00
4	OD 150ug/mL	OD		Standard	840490	150.00000	ug/mL	1.00
5	OD 200ug/mL	OD		Standard	1159521	200.00000	ug/mL	1.00
6	S1 100ug/mL	OD		Unknown	555166	102.22832	ug/mL	1.00
7	S1 100ug/mL	OD		Unknown	556843	102.50254	ug/mL	1.00
8	S1 100ug/mL	OD		Unknown	555445	102.27398	ug/mL	1.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:17 AM
Date Acquired: 3/4/2014 4:17:18 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: OD 50ug/mL
Injection Id: 3113

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	OD 50ug/mL	6.600	23919	244386	1	100.00

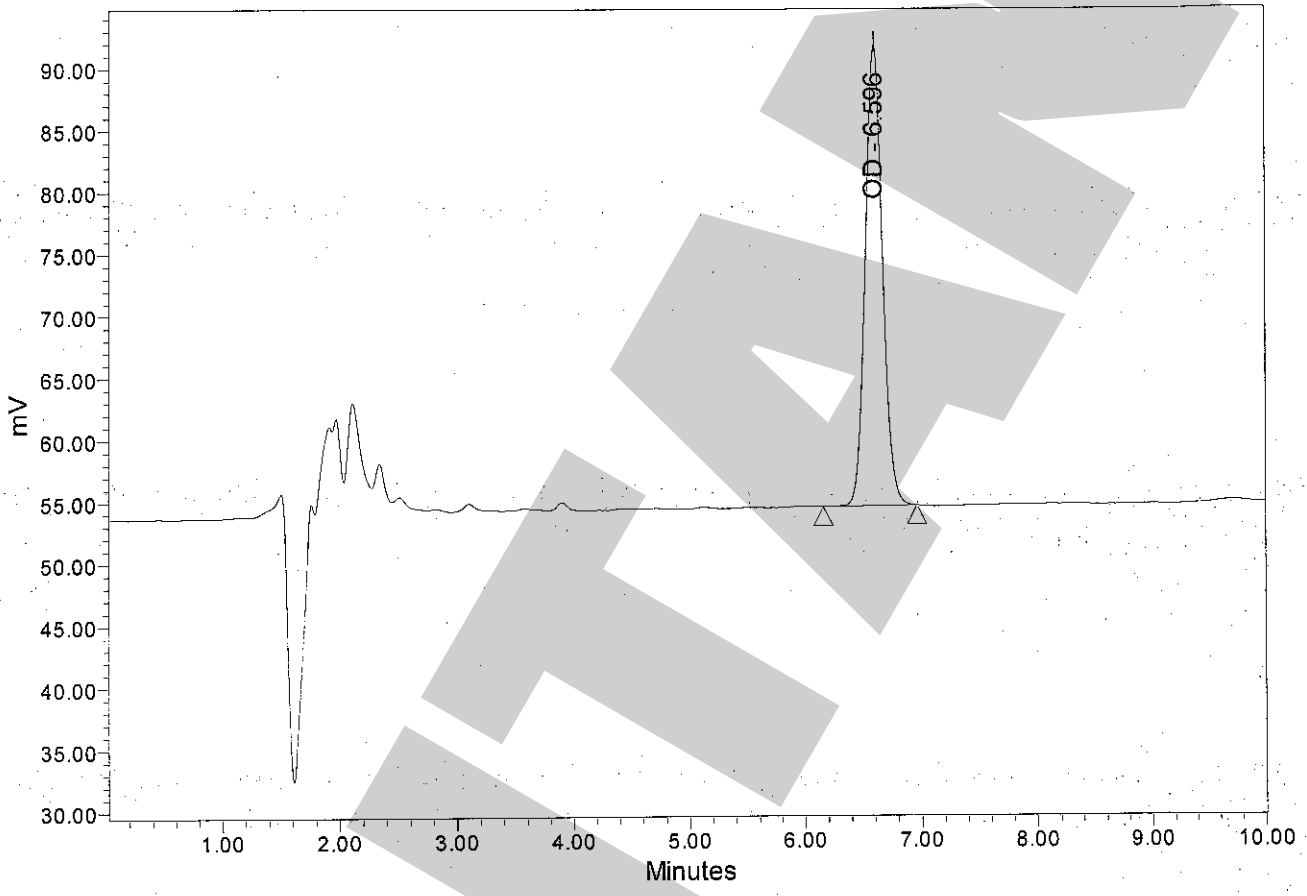
Software Version 4.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:17 AM
Date Acquired: 3/4/2014 4:28:04 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: OD 75ug/mL
Injection Id: 3116

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	OD 75ug/mL	6.596	37297	383939	2	100.00

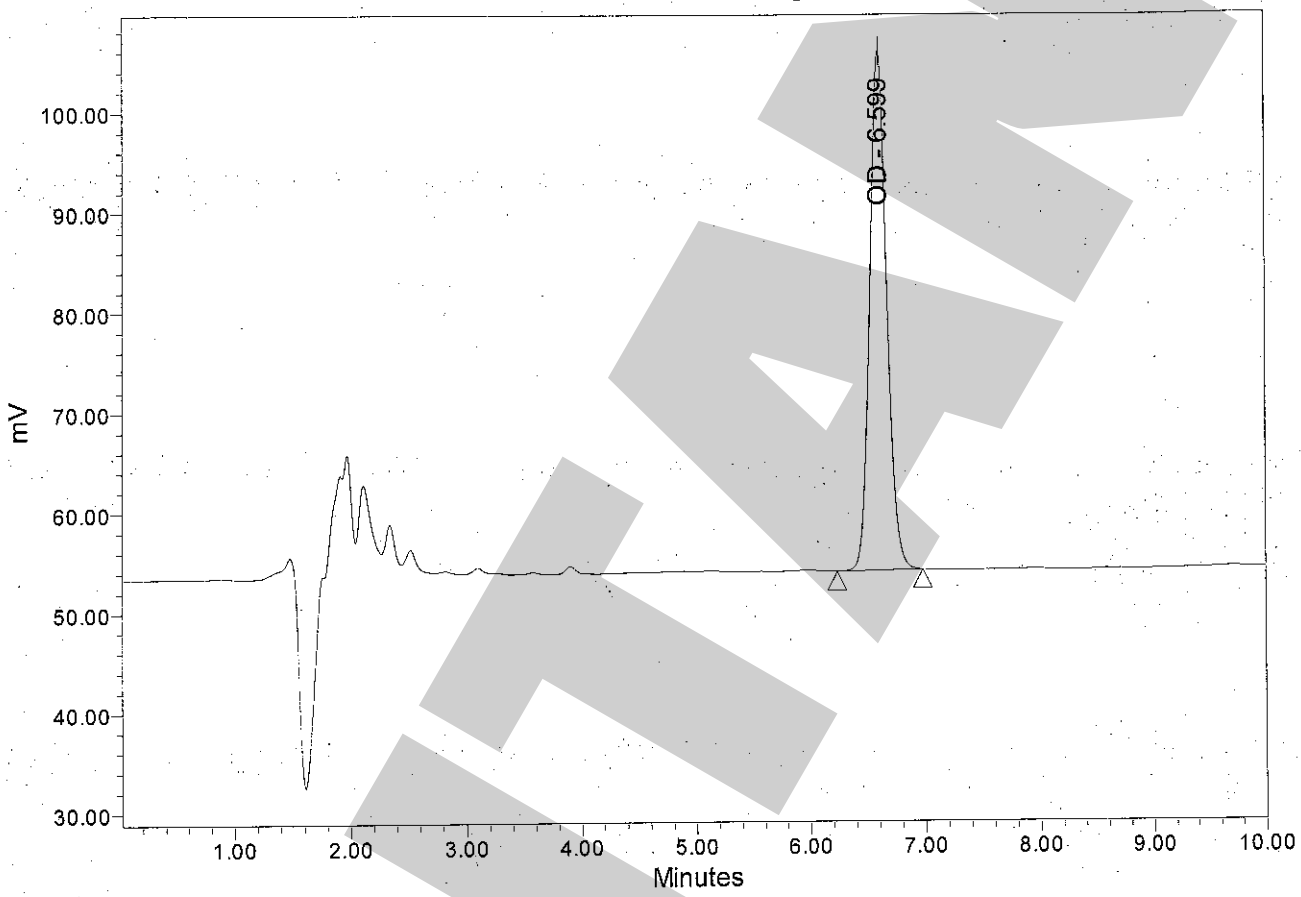
Software Version 4.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:18 AM
Date Acquired: 3/4/2014 4:38:54 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: OD 100ug/mL
Injection Id: 3124

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	OD 100ug/mL	6.599	52047	537974	3	100.00

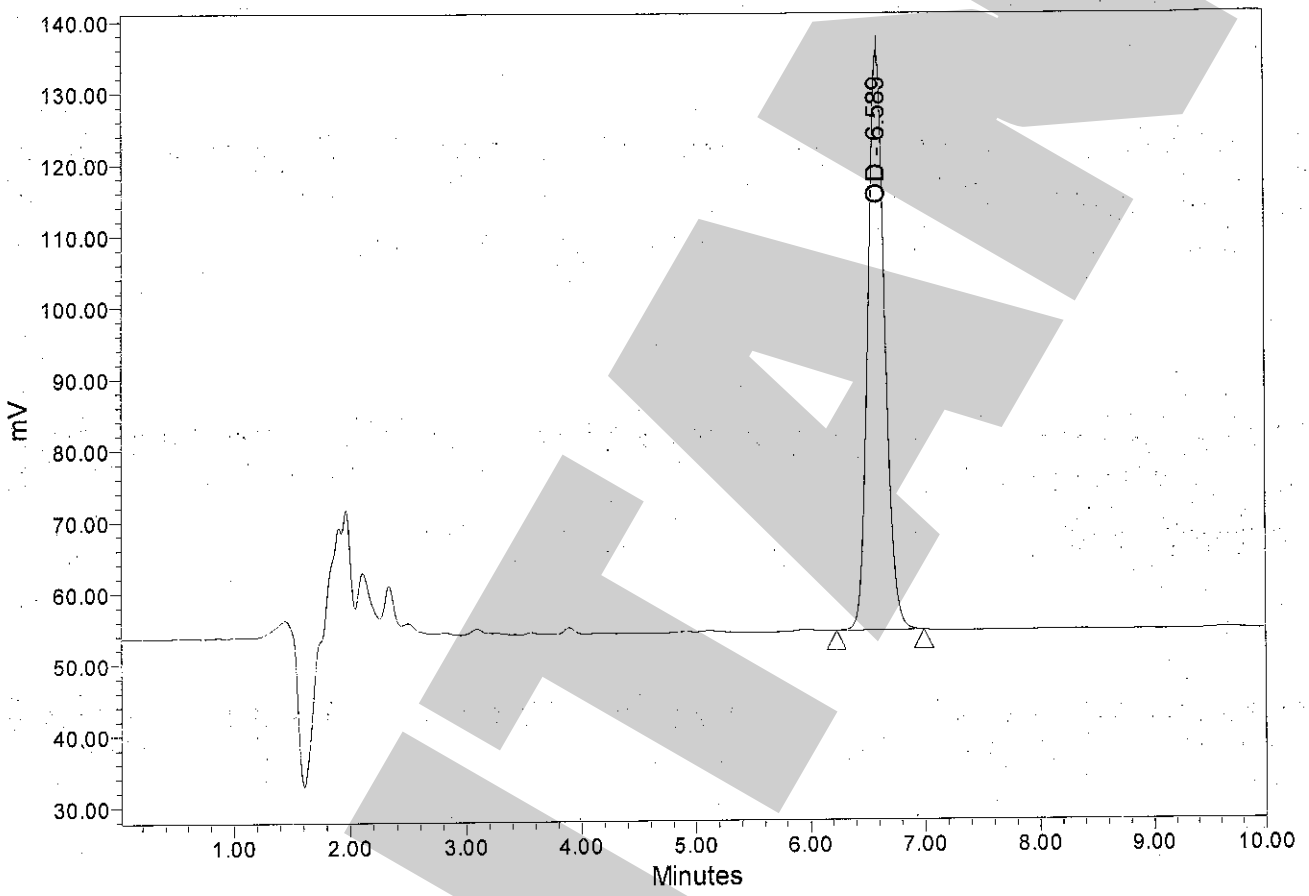
Software Version 4.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:19 AM
Date Acquired: 3/4/2014 4:49:42 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: OD 150ug/mL
Injection Id: 3127

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	OD 150ug/mL	6.589	81572	840490	4	100.00

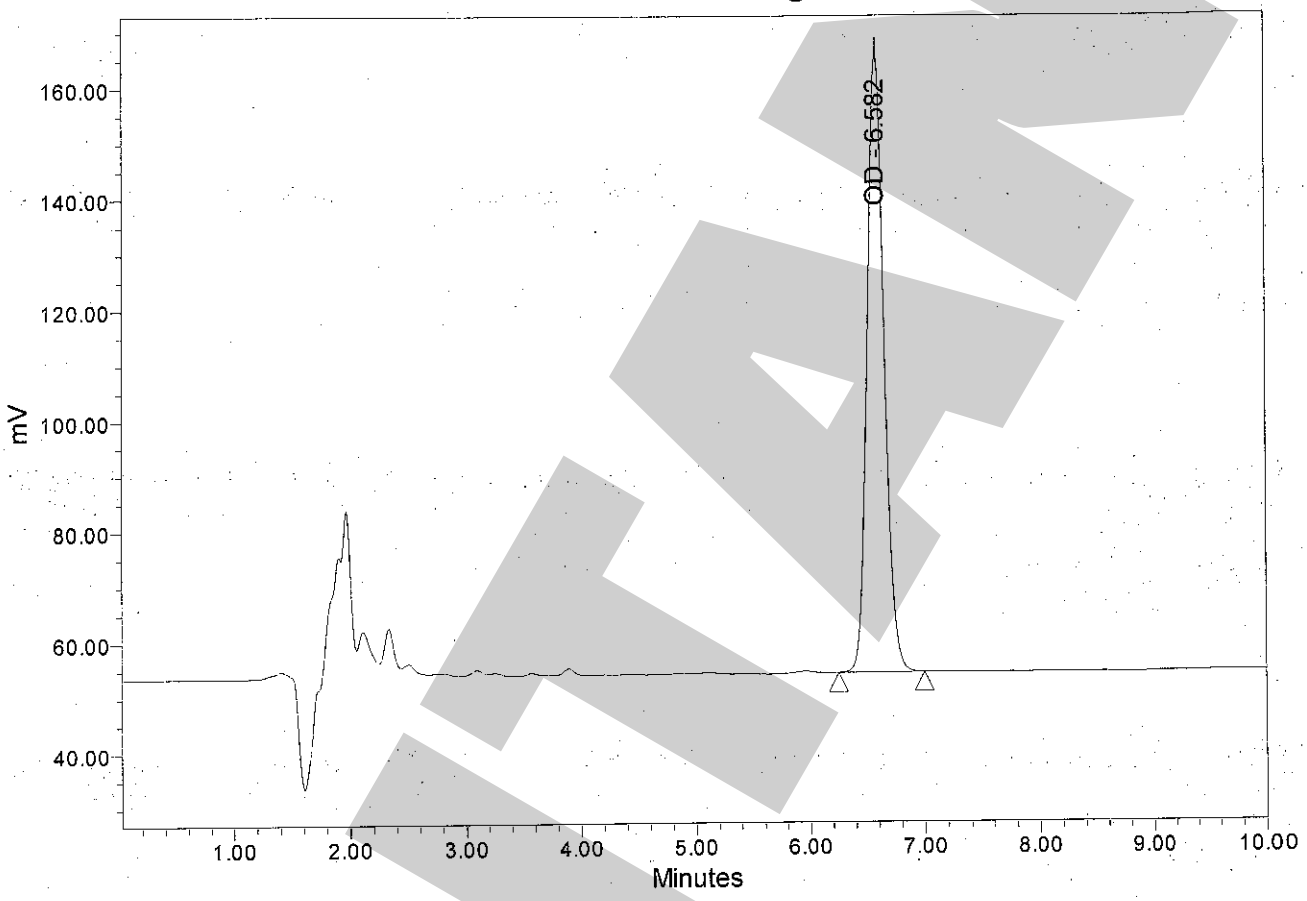
Software Version 4.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:19 AM
Date Acquired: 3/4/2014 5:00:30 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: OD 200ug/mL
Injection Id: 3135

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	OD 200ug/mL	6.582	112276	1159521	5	100.00

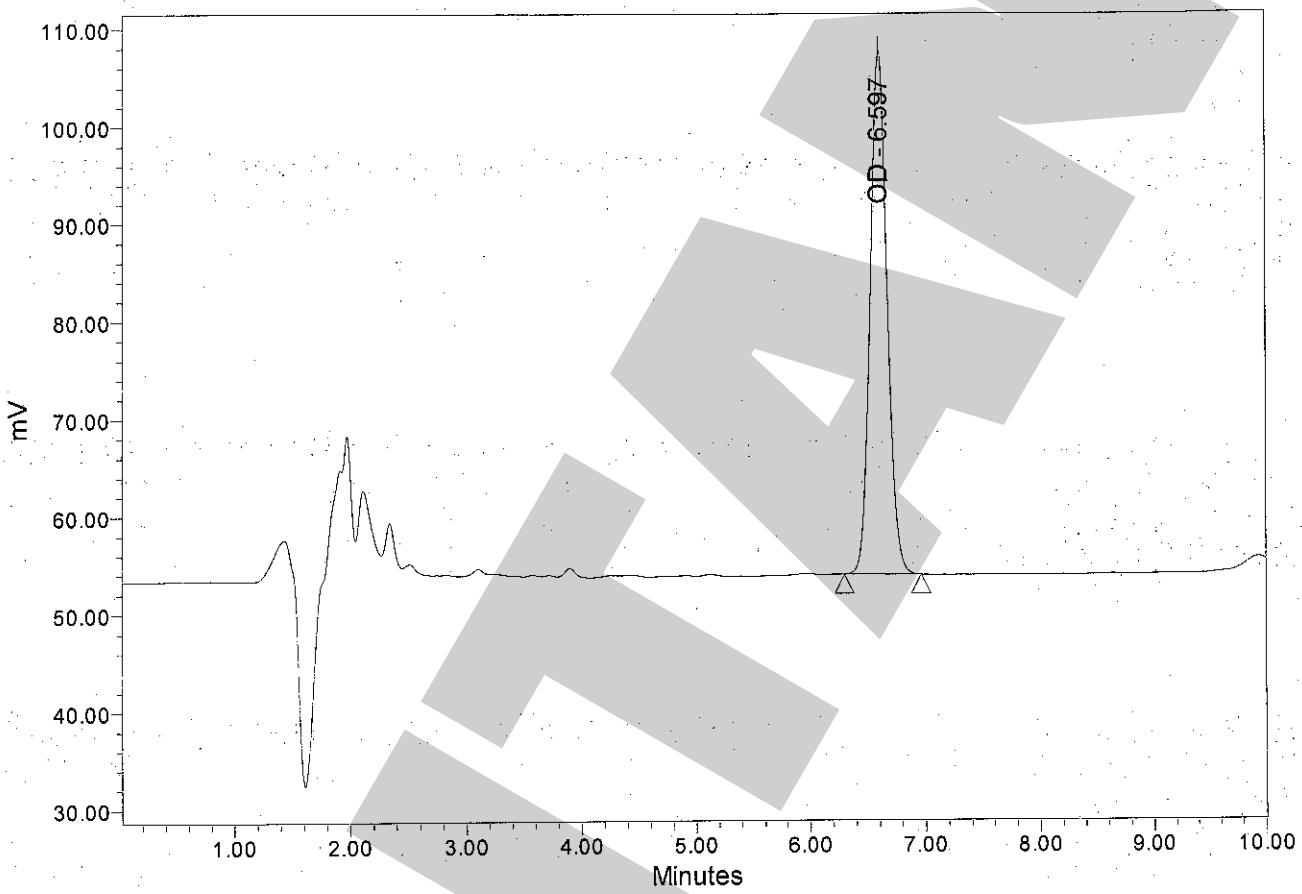
Software Version 4.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:20 AM
Date Acquired: 3/4/2014 5:11:20 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: S1 100ug/mL
Injection Id: 3138

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	S1 100ug/mL	6.597	53974	555166	6	100.00

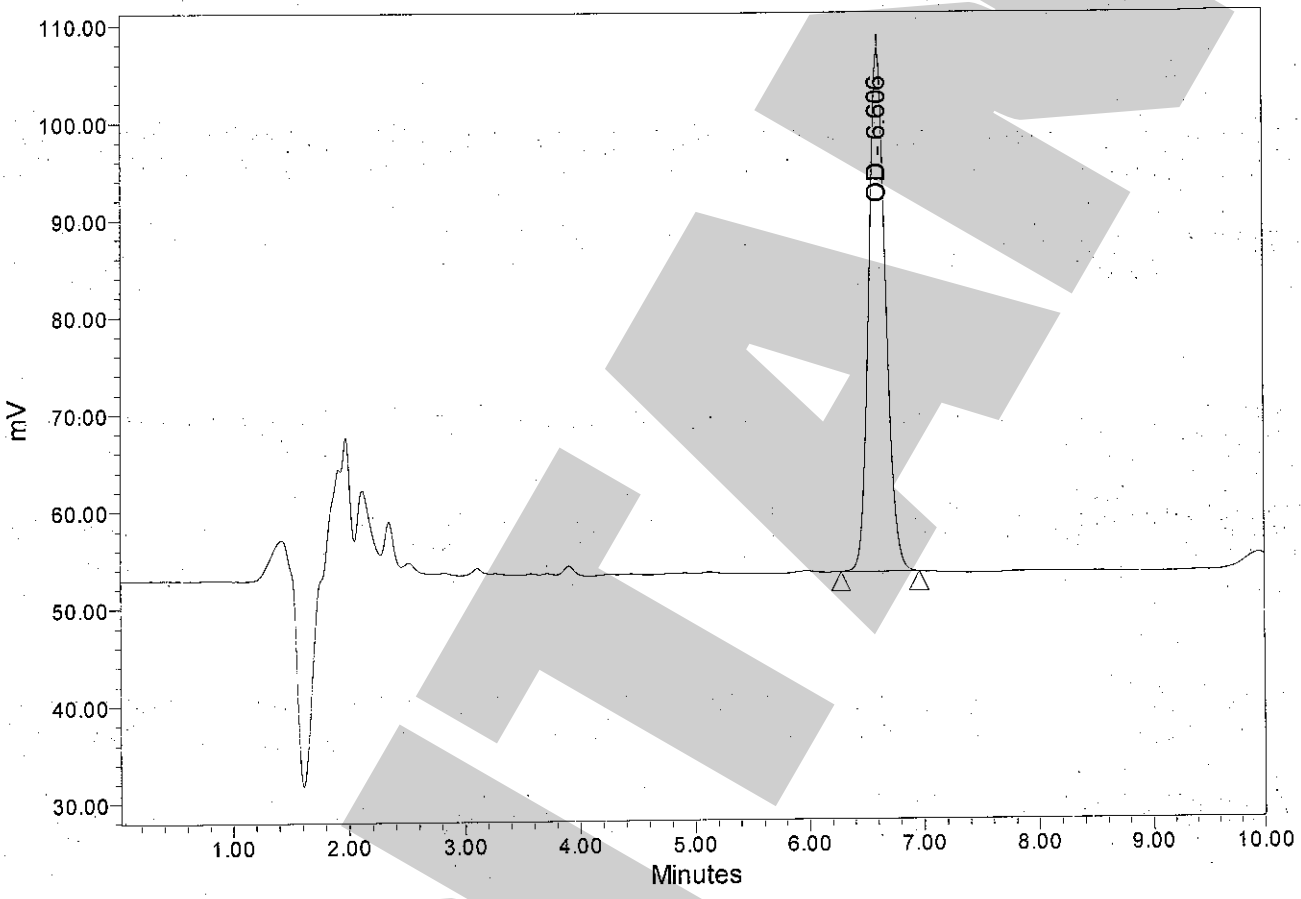
Software Version 4.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:21 AM
Date Acquired: 3/4/2014 5:22:08 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: S1 100ug/mL
Injection Id: 3141

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	S1 100ug/mL	6.606	54078	556843	7	100.00

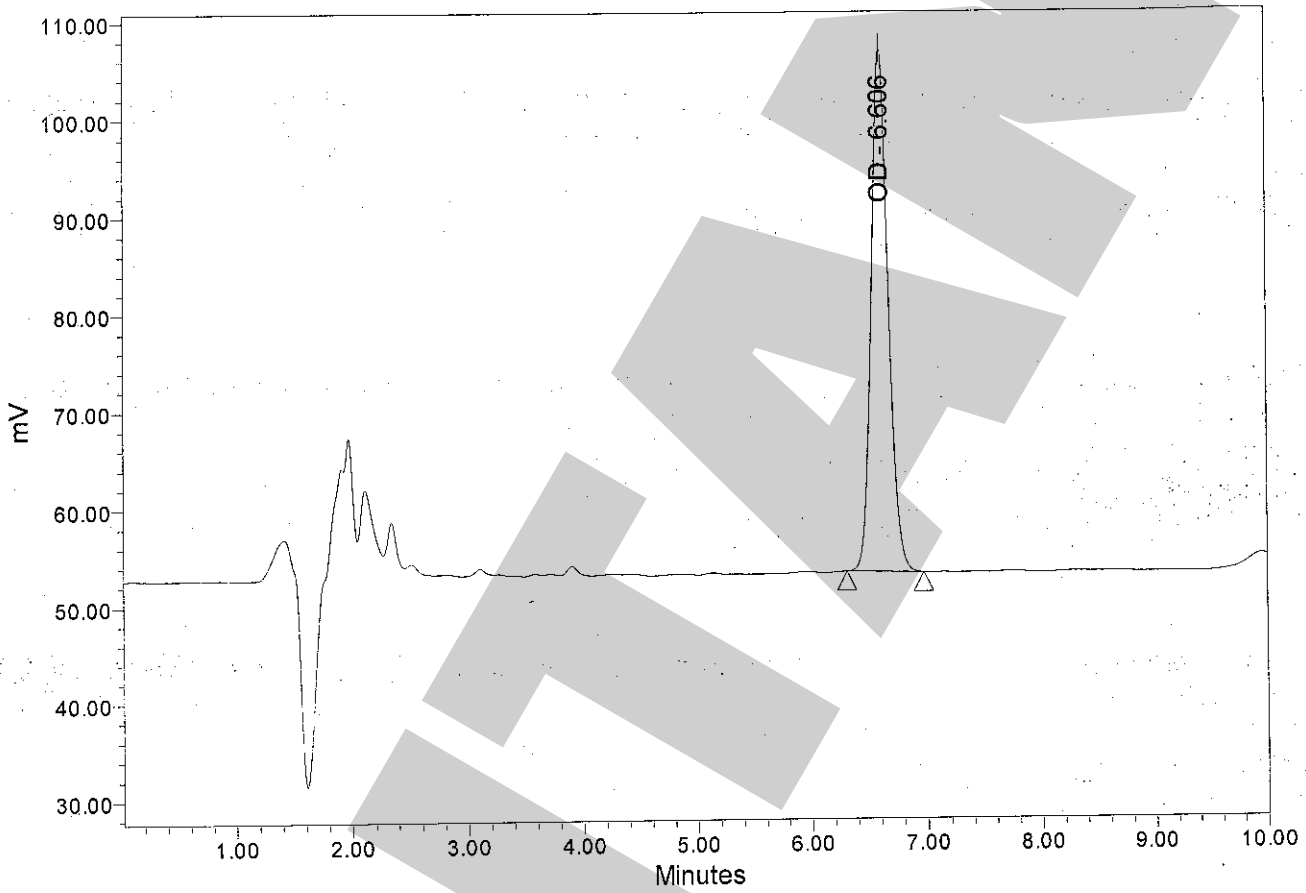
Software Version 4.00

Project: PF14F0002
Compound: OD

Current Date: 3/5/2014
Current Time: 8:47:22 AM
Date Acquired: 3/4/2014 5:32:57 PM
Date Calibrated: 3/5/2014 8:46:30 AM

Analytical Run: AR09
Text: S1 100ug/mL
Injection Id: 3144

Auto-Scaled Chromatogram



	Name	SampleName	RT	Height	Area	Vial	% Area
1	OD	S1 100ug/mL	6.606	53976	555445	8	100.00

Software Version 4.00

AR09 OD

HPLC Condition

Solvent A: Water

Solvent B: Methanol

Mobile Phase: Solvent A:Solvent B (15:85, v/v)

Flow Rate (mL/min): 1.00

Wavelength:210 nm

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

	Calculated Conc.(ug/mL)	Mean Actual Conc.(ug/mL)	Theoretical Content(mg)	Actual Content(mg)
S1-1	102	102	10.0	10.2
S1-2	103			
S1-3	102			

Sample Handling Procedure:

Weigh 10 tablets 1011.542 mg, then crush into power, weigh average amount 101.135 mg into 10 mL Methanol, sonicate for 30 min, then filter, spike 100 uL into 900 uL 50% Methanol to make 100 ug/mL solution, then injection 20 uL.