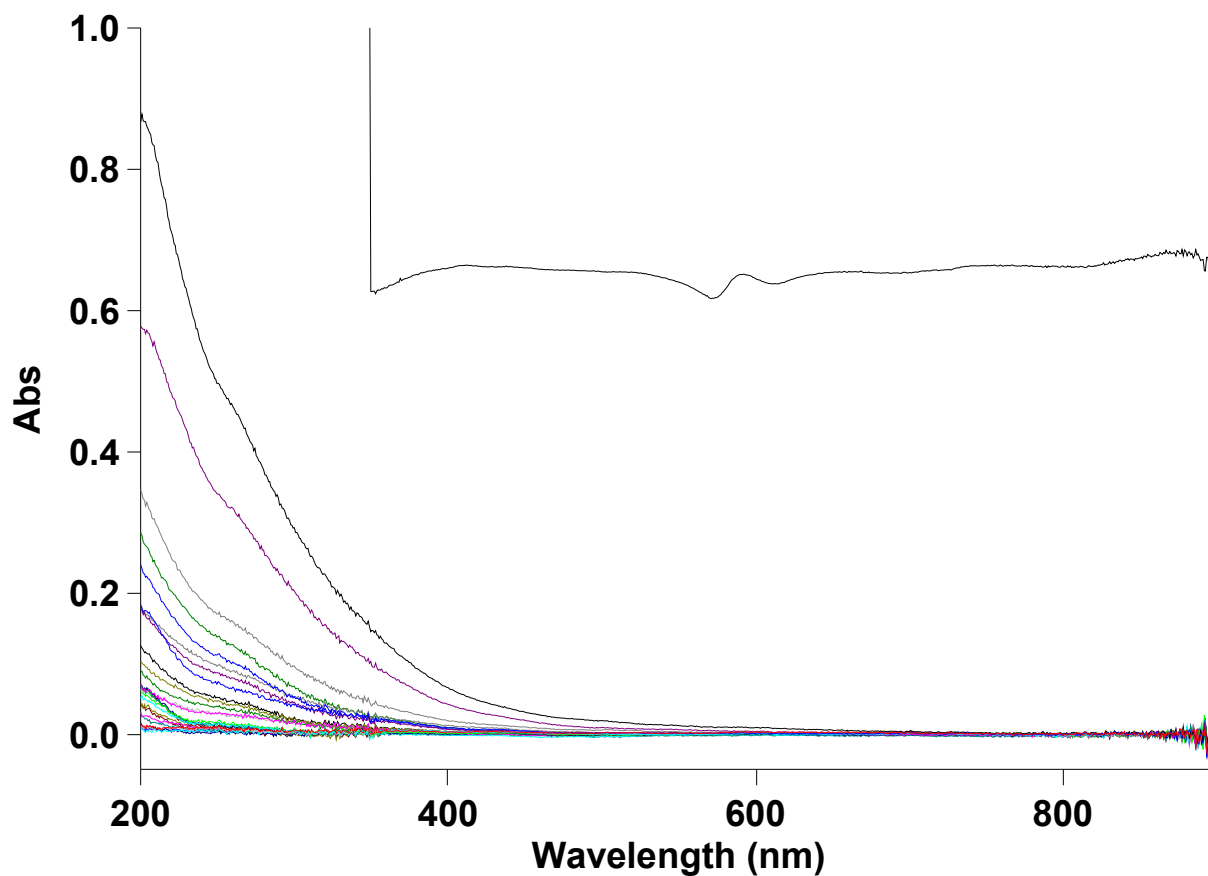


NIVA



## Scan Analysis Report

Report Time : Fri 18 Oct 04:14:21 PM 2019  
Method: H:\1000 sjøer UV-spek\UV-scan MED SAMPLER 1000 sjoer.MSW  
Batch: H:\1000 sjøer UV-spek\191018\191018\_run.DSW  
Software version: 4.20(468)  
Operator: EMS

## Zero Report

Read	Abs(900.00)
Zero	0.6381

## Sample Name: Baseline 100%T

Collection Time 10/18/2019 4:10:03 PM

Peak Table	Peaks
Peak Style	0.0100
Peak Threshold	900.00nm to 200.00nm
Range	

Wavelength (nm)	Abs
898.40	0.656
893.60	0.676
886.40	0.687

877.60	0.686
592.00	0.652
412.00	0.665

X-Y Pairs Table  
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.630	660.00	0.654	420.00	0.663
890.00	0.672	650.00	0.654	410.00	0.664
880.00	0.684	640.00	0.652	400.00	0.660
870.00	0.682	630.00	0.648	390.00	0.657
860.00	0.680	620.00	0.642	380.00	0.651
850.00	0.675	610.00	0.638	370.00	0.643
840.00	0.671	600.00	0.646	360.00	0.632
830.00	0.668	590.00	0.651	350.00	0.627
820.00	0.663	580.00	0.629	340.00	1.294
810.00	0.662	570.00	0.618	330.00	1.296
800.00	0.663	560.00	0.631	320.00	1.306
790.00	0.662	550.00	0.641	310.00	1.322
780.00	0.664	540.00	0.647	300.00	1.326
770.00	0.663	530.00	0.652	290.00	1.339
760.00	0.664	520.00	0.655	280.00	1.355
750.00	0.664	510.00	0.655	270.00	1.369
740.00	0.664	500.00	0.655	260.00	1.383
730.00	0.660	490.00	0.656	250.00	1.402
720.00	0.657	480.00	0.657	240.00	1.419
710.00	0.656	470.00	0.658	230.00	1.434
700.00	0.654	460.00	0.659	220.00	1.455
690.00	0.654	450.00	0.661	210.00	1.472
680.00	0.653	440.00	0.662	200.00	1.497
670.00	0.654	430.00	0.662		

**Sample Name: Sample 1 Rack 1 Tube 1**

Collection Time 10/18/2019 4:15:33 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.011
892.80	0.016
887.20	0.004
884.80	0.008
883.20	0.009
878.40	0.006

X-Y Pairs Table  
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.023	660.00	0.002	420.00	0.004
890.00	-0.001	650.00	0.001	410.00	0.004
880.00	0.000	640.00	0.001	400.00	0.003
870.00	0.001	630.00	0.001	390.00	0.004
860.00	0.000	620.00	0.001	380.00	0.004
850.00	0.000	610.00	0.002	370.00	0.004
840.00	0.001	600.00	0.003	360.00	0.003
830.00	0.001	590.00	0.002	350.00	0.001
820.00	0.001	580.00	0.002	340.00	0.000
810.00	-0.001	570.00	0.002	330.00	0.003
800.00	-0.002	560.00	0.001	320.00	0.004
790.00	-0.001	550.00	0.002	310.00	-0.001
780.00	-0.001	540.00	0.002	300.00	0.004
770.00	0.001	530.00	0.002	290.00	0.002
760.00	-0.001	520.00	0.002	280.00	0.003
750.00	0.000	510.00	0.003	270.00	0.004
740.00	0.000	500.00	0.002	260.00	0.005
730.00	0.001	490.00	0.002	250.00	0.007
720.00	0.001	480.00	0.001	240.00	0.007
710.00	0.001	470.00	0.002	230.00	0.007
700.00	0.001	460.00	0.002	220.00	0.004
690.00	0.001	450.00	0.004	210.00	0.009

680.00	0.001	440.00	0.004	200.00	0.012
670.00	0.001	430.00	0.005		

**Sample Name: Sample 2 Rack 1 Tube 2**

Collection Time 10/18/2019 4:18:46 PM

Peak Table  
 Peak Style Peaks  
 Peak Threshold 0.0100  
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.018
897.60	0.009
892.80	0.020
888.00	0.009
885.60	0.009
878.40	0.008
870.40	0.007

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.010	660.00	0.005	420.00	0.032
890.00	-0.011	650.00	0.004	410.00	0.037
880.00	0.002	640.00	0.004	400.00	0.043
870.00	0.004	630.00	0.004	390.00	0.051
860.00	0.000	620.00	0.004	380.00	0.063
850.00	0.001	610.00	0.005	370.00	0.074
840.00	0.002	600.00	0.005	360.00	0.089
830.00	0.000	590.00	0.006	350.00	0.101
820.00	0.000	580.00	0.006	340.00	0.116
810.00	0.000	570.00	0.007	330.00	0.132
800.00	-0.001	560.00	0.007	320.00	0.157
790.00	0.001	550.00	0.008	310.00	0.175
780.00	0.000	540.00	0.008	300.00	0.204
770.00	0.002	530.00	0.009	290.00	0.229
760.00	0.001	520.00	0.009	280.00	0.262
750.00	0.003	510.00	0.010	270.00	0.292
740.00	0.002	500.00	0.011	260.00	0.321
730.00	0.003	490.00	0.011	250.00	0.341
720.00	0.003	480.00	0.013	240.00	0.377
710.00	0.004	470.00	0.015	230.00	0.431
700.00	0.004	460.00	0.017	220.00	0.483
690.00	0.004	450.00	0.021	210.00	0.545
680.00	0.004	440.00	0.024	200.00	0.578
670.00	0.004	430.00	0.028		

**Sample Name: Sample 3 Rack 1 Tube 3**

Collection Time 10/18/2019 4:21:59 PM

Peak Table  
 Peak Style Peaks  
 Peak Threshold 0.0100  
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.033
892.80	0.018
884.00	0.005
880.80	0.007
878.40	0.008
344.00	0.007

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.003	660.00	0.003	420.00	0.001
890.00	-0.001	650.00	0.003	410.00	0.001

880.00	-0.003	640.00	0.003	400.00	0.001
870.00	0.001	630.00	0.003	390.00	0.002
860.00	0.003	620.00	0.003	380.00	0.003
850.00	0.002	610.00	0.003	370.00	0.003
840.00	0.000	600.00	0.003	360.00	0.003
830.00	0.001	590.00	0.003	350.00	0.000
820.00	0.000	580.00	0.002	340.00	-0.003
810.00	-0.001	570.00	0.002	330.00	-0.002
800.00	-0.001	560.00	0.002	320.00	0.004
790.00	0.001	550.00	0.001	310.00	0.001
780.00	-0.001	540.00	0.001	300.00	0.003
770.00	0.002	530.00	0.001	290.00	0.003
760.00	0.000	520.00	0.001	280.00	0.003
750.00	0.002	510.00	0.001	270.00	0.006
740.00	0.002	500.00	0.001	260.00	0.006
730.00	0.004	490.00	0.001	250.00	0.007
720.00	0.004	480.00	0.000	240.00	0.010
710.00	0.003	470.00	0.000	230.00	0.011
700.00	0.004	460.00	0.000	220.00	0.018
690.00	0.003	450.00	0.000	210.00	0.027
680.00	0.004	440.00	0.001	200.00	0.044
670.00	0.003	430.00	0.002		

**Sample Name: Sample 4 Rack 1 Tube 4**

Collection Time 10/18/2019 4:25:11 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.017
892.00	0.009
890.40	0.009
880.80	0.008
873.60	0.009
868.00	0.006

**X-Y Pairs Table**

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.001	660.00	0.001	420.00	0.007
890.00	0.003	650.00	0.001	410.00	0.009
880.00	0.000	640.00	0.001	400.00	0.011
870.00	-0.001	630.00	0.001	390.00	0.014
860.00	0.000	620.00	0.001	380.00	0.016
850.00	0.001	610.00	0.001	370.00	0.021
840.00	0.003	600.00	0.002	360.00	0.027
830.00	0.000	590.00	0.001	350.00	0.026
820.00	0.001	580.00	0.002	340.00	0.029
810.00	0.001	570.00	0.002	330.00	0.037
800.00	-0.002	560.00	0.001	320.00	0.051
790.00	0.000	550.00	0.001	310.00	0.054
780.00	-0.002	540.00	0.002	300.00	0.069
770.00	0.001	530.00	0.002	290.00	0.080
760.00	0.000	520.00	0.002	280.00	0.097
750.00	0.000	510.00	0.003	270.00	0.114
740.00	0.000	500.00	0.003	260.00	0.128
730.00	0.000	490.00	0.003	250.00	0.139
720.00	0.001	480.00	0.003	240.00	0.155
710.00	0.001	470.00	0.003	230.00	0.177
700.00	0.002	460.00	0.004	220.00	0.203
690.00	0.001	450.00	0.005	210.00	0.239
680.00	0.001	440.00	0.005	200.00	0.286
670.00	0.001	430.00	0.006		

**Sample Name: Sample 5 Rack 1 Tube 5**

Collection Time 10/18/2019 4:28:22 PM

Peak Table  
Peak Style Peaks

Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.011
892.80	0.013
887.20	0.002
884.80	0.007
880.80	0.006
878.40	0.007

X-Y Pairs Table  
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.009	660.00	0.001	420.00	0.001
890.00	-0.003	650.00	0.000	410.00	0.000
880.00	-0.003	640.00	0.001	400.00	0.002
870.00	-0.001	630.00	0.001	390.00	0.002
860.00	-0.001	620.00	0.001	380.00	0.003
850.00	0.000	610.00	0.001	370.00	0.003
840.00	-0.001	600.00	0.001	360.00	0.004
830.00	-0.001	590.00	0.001	350.00	-0.001
820.00	-0.002	580.00	0.001	340.00	-0.001
810.00	-0.002	570.00	0.000	330.00	-0.004
800.00	-0.003	560.00	0.000	320.00	0.002
790.00	-0.001	550.00	0.001	310.00	-0.002
780.00	-0.003	540.00	0.001	300.00	0.002
770.00	0.000	530.00	0.000	290.00	0.002
760.00	0.000	520.00	0.000	280.00	0.003
750.00	0.001	510.00	0.000	270.00	0.007
740.00	0.000	500.00	0.000	260.00	0.009
730.00	0.000	490.00	-0.001	250.00	0.009
720.00	0.001	480.00	-0.001	240.00	0.012
710.00	0.000	470.00	-0.001	230.00	0.015
700.00	0.000	460.00	-0.001	220.00	0.022
690.00	-0.001	450.00	0.000	210.00	0.032
680.00	0.000	440.00	0.000	200.00	0.045
670.00	0.001	430.00	0.001		

### Sample Name: Sample 6 Rack 1 Tube 6

Collection Time 10/18/2019 4:31:35 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.008
892.00	0.016
880.80	0.007
878.40	0.011

X-Y Pairs Table  
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.011	660.00	0.001	420.00	0.001
890.00	0.003	650.00	0.001	410.00	0.001
880.00	-0.002	640.00	0.001	400.00	0.001
870.00	0.000	630.00	0.001	390.00	0.001
860.00	0.000	620.00	0.000	380.00	0.003
850.00	0.000	610.00	0.001	370.00	0.003
840.00	0.002	600.00	0.001	360.00	0.005
830.00	-0.002	590.00	0.001	350.00	0.003
820.00	-0.001	580.00	0.001	340.00	-0.001
810.00	0.000	570.00	0.001	330.00	0.001
800.00	0.000	560.00	0.000	320.00	0.004
790.00	0.001	550.00	0.000	310.00	0.001
780.00	-0.001	540.00	0.001	300.00	0.002
770.00	0.001	530.00	0.000	290.00	0.001
760.00	0.001	520.00	0.000	280.00	0.002
750.00	0.001	510.00	0.001	270.00	0.004

740.00	0.001	500.00	0.001	260.00	0.004
730.00	0.001	490.00	-0.001	250.00	0.005
720.00	0.001	480.00	-0.001	240.00	0.004
710.00	0.001	470.00	-0.001	230.00	0.003
700.00	0.000	460.00	0.000	220.00	0.005
690.00	0.000	450.00	0.001	210.00	0.009
680.00	0.001	440.00	0.001	200.00	0.017
670.00	0.001	430.00	0.002		

**Sample Name: Sample 7 Rack 1 Tube 7**

Collection Time 10/18/2019 4:34:49 PM

## Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.022
892.80	0.017
888.80	0.008
884.80	0.011
880.80	0.006
348.00	0.008
320.00	0.010

## X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.000	660.00	0.000	420.00	0.000
890.00	0.000	650.00	-0.001	410.00	0.000
880.00	-0.001	640.00	-0.001	400.00	0.000
870.00	0.000	630.00	0.000	390.00	0.001
860.00	-0.002	620.00	0.000	380.00	0.001
850.00	0.002	610.00	0.000	370.00	0.002
840.00	0.000	600.00	0.000	360.00	0.002
830.00	0.000	590.00	0.000	350.00	-0.001
820.00	-0.001	580.00	0.000	340.00	-0.002
810.00	-0.001	570.00	-0.001	330.00	0.002
800.00	-0.002	560.00	-0.001	320.00	0.010
790.00	0.000	550.00	-0.001	310.00	0.001
780.00	-0.002	540.00	-0.001	300.00	0.006
770.00	-0.001	530.00	-0.001	290.00	0.005
760.00	-0.002	520.00	-0.002	280.00	0.006
750.00	-0.002	510.00	-0.002	270.00	0.008
740.00	-0.002	500.00	-0.002	260.00	0.008
730.00	-0.001	490.00	-0.002	250.00	0.008
720.00	-0.001	480.00	-0.001	240.00	0.010
710.00	-0.001	470.00	-0.001	230.00	0.010
700.00	-0.001	460.00	0.000	220.00	0.011
690.00	-0.001	450.00	0.000	210.00	0.017
680.00	-0.001	440.00	0.000	200.00	0.031
670.00	-0.001	430.00	0.001		

**Sample Name: Sample 8 Rack 1 Tube 8**

Collection Time 10/18/2019 4:38:02 PM

## Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.002
897.60	0.007
892.00	0.014
889.60	0.003
878.40	0.010
873.60	0.008

## X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.013	660.00	0.003	420.00	0.004
890.00	-0.003	650.00	0.002	410.00	0.004
880.00	-0.005	640.00	0.002	400.00	0.005
870.00	0.000	630.00	0.002	390.00	0.006
860.00	0.002	620.00	0.002	380.00	0.007
850.00	0.002	610.00	0.003	370.00	0.009
840.00	0.001	600.00	0.002	360.00	0.011
830.00	0.000	590.00	0.002	350.00	0.005
820.00	0.001	580.00	0.002	340.00	0.010
810.00	0.001	570.00	0.001	330.00	0.011
800.00	-0.001	560.00	0.001	320.00	0.014
790.00	0.001	550.00	0.002	310.00	0.013
780.00	0.000	540.00	0.002	300.00	0.019
770.00	0.002	530.00	0.001	290.00	0.019
760.00	0.002	520.00	0.000	280.00	0.022
750.00	0.002	510.00	0.001	270.00	0.027
740.00	0.002	500.00	0.001	260.00	0.030
730.00	0.002	490.00	0.001	250.00	0.031
720.00	0.002	480.00	0.001	240.00	0.035
710.00	0.002	470.00	0.000	230.00	0.039
700.00	0.004	460.00	0.001	220.00	0.045
690.00	0.002	450.00	0.001	210.00	0.054
680.00	0.003	440.00	0.002	200.00	0.064
670.00	0.003	430.00	0.004		

**Sample Name: Sample 9 Rack 1 Tube 9**

Collection Time 10/18/2019 4:41:14 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.010
895.20	0.007
892.00	0.007
884.80	0.006
878.40	0.004
876.80	0.005
348.00	0.011

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.007	660.00	0.001	420.00	0.002
890.00	0.006	650.00	0.001	410.00	0.002
880.00	0.004	640.00	0.001	400.00	0.002
870.00	-0.001	630.00	0.001	390.00	0.004
860.00	-0.001	620.00	0.000	380.00	0.005
850.00	0.002	610.00	0.001	370.00	0.004
840.00	0.001	600.00	0.001	360.00	0.006
830.00	0.001	590.00	0.001	350.00	0.003
820.00	0.001	580.00	0.002	340.00	0.003
810.00	0.001	570.00	0.001	330.00	0.002
800.00	-0.001	560.00	0.001	320.00	0.008
790.00	0.001	550.00	0.001	310.00	0.003
780.00	-0.001	540.00	0.001	300.00	0.006
770.00	0.001	530.00	0.001	290.00	0.005
760.00	0.001	520.00	0.000	280.00	0.006
750.00	0.002	510.00	0.000	270.00	0.010
740.00	0.000	500.00	0.000	260.00	0.014
730.00	0.001	490.00	0.000	250.00	0.015
720.00	0.001	480.00	0.001	240.00	0.020
710.00	0.001	470.00	0.001	230.00	0.022
700.00	0.001	460.00	0.000	220.00	0.034
690.00	0.000	450.00	0.001	210.00	0.052
680.00	0.000	440.00	0.002	200.00	0.064
670.00	0.001	430.00	0.003		

**Sample Name: Sample 10 Rack 1 Tube 10**

Collection Time 10/18/2019 4:44:27 PM

Peak Table  
 Peak Style Peaks  
 Peak Threshold 0.0100  
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.013
895.20	0.004
892.00	0.011
890.40	0.007
884.80	0.006
878.40	0.005
873.60	0.007

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.001	660.00	0.002	420.00	0.001
890.00	0.001	650.00	0.002	410.00	0.002
880.00	0.004	640.00	0.002	400.00	0.001
870.00	0.003	630.00	0.003	390.00	0.002
860.00	-0.001	620.00	0.002	380.00	0.004
850.00	0.001	610.00	0.003	370.00	0.004
840.00	0.000	600.00	0.003	360.00	0.005
830.00	-0.001	590.00	0.003	350.00	0.004
820.00	0.003	580.00	0.003	340.00	0.002
810.00	0.000	570.00	0.003	330.00	0.004
800.00	-0.002	560.00	0.002	320.00	0.009
790.00	0.000	550.00	0.002	310.00	0.000
780.00	0.001	540.00	0.002	300.00	0.006
770.00	0.001	530.00	0.002	290.00	0.004
760.00	0.001	520.00	0.001	280.00	0.005
750.00	0.001	510.00	0.001	270.00	0.009
740.00	0.001	500.00	0.001	260.00	0.009
730.00	0.001	490.00	0.001	250.00	0.011
720.00	0.002	480.00	0.000	240.00	0.011
710.00	0.002	470.00	0.000	230.00	0.014
700.00	0.002	460.00	-0.001	220.00	0.017
690.00	0.002	450.00	0.000	210.00	0.022
680.00	0.002	440.00	0.001	200.00	0.033
670.00	0.003	430.00	0.002		

**Sample Name: Sample 11 Rack 1 Tube 11**

Collection Time 10/18/2019 4:47:39 PM

Peak Table  
 Peak Style Peaks  
 Peak Threshold 0.0100  
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.007
895.20	-0.005
892.80	0.010
890.40	0.002
887.20	0.001
881.60	0.007
878.40	0.007
873.60	0.009
352.80	0.006
348.00	0.009
316.00	0.009

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.005	660.00	0.001	420.00	-0.001



890.00	0.001	650.00	0.000	410.00	0.000
880.00	-0.008	640.00	0.001	400.00	0.000
870.00	0.002	630.00	0.000	390.00	0.001
860.00	-0.002	620.00	0.000	380.00	0.001
850.00	0.001	610.00	0.000	370.00	0.001
840.00	0.000	600.00	0.000	360.00	0.003
830.00	0.000	590.00	0.000	350.00	-0.002
820.00	0.000	580.00	0.001	340.00	0.001
810.00	0.000	570.00	0.000	330.00	0.001
800.00	-0.003	560.00	0.000	320.00	0.007
790.00	0.000	550.00	0.001	310.00	0.000
780.00	0.001	540.00	0.001	300.00	0.007
770.00	0.002	530.00	0.000	290.00	0.003
760.00	-0.001	520.00	-0.002	280.00	0.006
750.00	0.001	510.00	-0.002	270.00	0.006
740.00	0.001	500.00	-0.002	260.00	0.006
730.00	0.001	490.00	-0.002	250.00	0.005
720.00	0.001	480.00	-0.002	240.00	0.007
710.00	0.001	470.00	-0.003	230.00	0.006
700.00	0.001	460.00	-0.003	220.00	0.005
690.00	0.000	450.00	-0.002	210.00	0.006
680.00	0.000	440.00	-0.001	200.00	0.009
670.00	0.001	430.00	0.000		

**Sample Name: Sample 12 Rack 1 Tube 12**

Collection Time 10/18/2019 4:50:48 PM

## Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.006
897.60	0.008
892.00	0.024
887.20	0.008
884.80	0.008
878.40	0.012

## X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.011	660.00	0.004	420.00	0.011
890.00	0.003	650.00	0.002	410.00	0.012
880.00	-0.005	640.00	0.003	400.00	0.014
870.00	0.002	630.00	0.003	390.00	0.016
860.00	-0.002	620.00	0.003	380.00	0.019
850.00	0.001	610.00	0.003	370.00	0.022
840.00	0.002	600.00	0.003	360.00	0.026
830.00	0.002	590.00	0.004	350.00	0.024
820.00	0.001	580.00	0.004	340.00	0.031
810.00	0.002	570.00	0.004	330.00	0.035
800.00	0.001	560.00	0.003	320.00	0.046
790.00	0.001	550.00	0.004	310.00	0.047
780.00	0.000	540.00	0.004	300.00	0.055
770.00	0.002	530.00	0.003	290.00	0.064
760.00	0.002	520.00	0.003	280.00	0.072
750.00	0.003	510.00	0.004	270.00	0.084
740.00	0.002	500.00	0.004	260.00	0.091
730.00	0.003	490.00	0.004	250.00	0.098
720.00	0.003	480.00	0.005	240.00	0.108
710.00	0.003	470.00	0.005	230.00	0.122
700.00	0.003	460.00	0.006	220.00	0.137
690.00	0.002	450.00	0.007	210.00	0.158
680.00	0.003	440.00	0.009	200.00	0.183
670.00	0.003	430.00	0.010		

**Sample Name: Sample 13 Rack 1 Tube 13**

Collection Time 10/18/2019 4:54:01 PM

## Peak Table

Peak Style  
Peak Threshold  
Range

Peaks  
0.0100  
900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.003
896.80	-0.002
895.20	-0.003
892.80	0.017
889.60	0.006
880.00	0.006
876.00	0.007
870.40	0.008

X-Y Pairs Table  
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.010	660.00	0.001	420.00	0.003
890.00	0.002	650.00	0.001	410.00	0.004
880.00	0.006	640.00	0.001	400.00	0.005
870.00	0.004	630.00	0.001	390.00	0.006
860.00	0.001	620.00	0.001	380.00	0.007
850.00	0.001	610.00	0.001	370.00	0.009
840.00	0.002	600.00	0.001	360.00	0.010
830.00	0.002	590.00	0.001	350.00	0.009
820.00	0.003	580.00	0.001	340.00	0.012
810.00	0.002	570.00	0.001	330.00	0.013
800.00	-0.001	560.00	0.000	320.00	0.021
790.00	0.001	550.00	0.001	310.00	0.017
780.00	0.000	540.00	0.001	300.00	0.026
770.00	0.002	530.00	0.000	290.00	0.028
760.00	0.001	520.00	0.001	280.00	0.037
750.00	0.002	510.00	0.001	270.00	0.045
740.00	0.001	500.00	0.001	260.00	0.049
730.00	0.002	490.00	0.000	250.00	0.053
720.00	0.001	480.00	0.000	240.00	0.058
710.00	0.001	470.00	0.000	230.00	0.068
700.00	0.002	460.00	0.001	220.00	0.081
690.00	0.001	450.00	0.002	210.00	0.102
680.00	0.001	440.00	0.003	200.00	0.126
670.00	0.001	430.00	0.004		

### Sample Name: Sample 14 Rack 1 Tube 14

Collection Time 10/18/2019 4:57:14 PM

Peak Table  
Peak Style  
Peak Threshold  
Range

Peaks  
0.0100  
900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.005
892.80	0.009
890.40	0.008
884.00	0.006

X-Y Pairs Table  
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.016	660.00	0.003	420.00	0.006
890.00	0.005	650.00	0.003	410.00	0.008
880.00	0.000	640.00	0.003	400.00	0.009
870.00	0.002	630.00	0.002	390.00	0.011
860.00	-0.001	620.00	0.002	380.00	0.015
850.00	0.001	610.00	0.003	370.00	0.018
840.00	0.003	600.00	0.003	360.00	0.022
830.00	0.001	590.00	0.003	350.00	0.020
820.00	0.001	580.00	0.003	340.00	0.027
810.00	0.002	570.00	0.002	330.00	0.032
800.00	0.000	560.00	0.002	320.00	0.043
790.00	0.002	550.00	0.003	310.00	0.042
780.00	0.001	540.00	0.003	300.00	0.054

770.00	0.002	530.00	0.001	290.00	0.063
760.00	0.001	520.00	0.002	280.00	0.078
750.00	0.002	510.00	0.002	270.00	0.094
740.00	0.002	500.00	0.002	260.00	0.103
730.00	0.002	490.00	0.002	250.00	0.114
720.00	0.001	480.00	0.003	240.00	0.126
710.00	0.003	470.00	0.003	230.00	0.143
700.00	0.004	460.00	0.004	220.00	0.167
690.00	0.002	450.00	0.005	210.00	0.202
680.00	0.003	440.00	0.006	200.00	0.241
670.00	0.002	430.00	0.007		

**Sample Name: Sample 15 Rack 1 Tube 15**

Collection Time 10/18/2019 5:00:26 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.021
892.80	0.014
883.20	0.012
880.80	0.009
878.40	0.007

X-Y Pairs Table  
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.002	660.00	0.002	420.00	0.007
890.00	-0.003	650.00	0.002	410.00	0.008
880.00	0.000	640.00	0.003	400.00	0.008
870.00	-0.002	630.00	0.003	390.00	0.011
860.00	0.001	620.00	0.003	380.00	0.013
850.00	0.001	610.00	0.003	370.00	0.016
840.00	0.002	600.00	0.004	360.00	0.020
830.00	0.001	590.00	0.004	350.00	0.016
820.00	0.004	580.00	0.004	340.00	0.022
810.00	0.002	570.00	0.003	330.00	0.028
800.00	0.001	560.00	0.003	320.00	0.034
790.00	0.001	550.00	0.003	310.00	0.036
780.00	0.000	540.00	0.004	300.00	0.047
770.00	0.002	530.00	0.003	290.00	0.052
760.00	0.001	520.00	0.003	280.00	0.063
750.00	0.002	510.00	0.003	270.00	0.074
740.00	0.002	500.00	0.004	260.00	0.081
730.00	0.002	490.00	0.004	250.00	0.088
720.00	0.002	480.00	0.003	240.00	0.097
710.00	0.002	470.00	0.003	230.00	0.109
700.00	0.004	460.00	0.004	220.00	0.127
690.00	0.002	450.00	0.005	210.00	0.152
680.00	0.001	440.00	0.006	200.00	0.179
670.00	0.002	430.00	0.007		

**Sample Name: Sample 16 Rack 1 Tube 16**

Collection Time 10/18/2019 5:03:39 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.015
892.00	0.016
884.80	0.006
883.20	0.011
880.80	0.009
878.40	0.009
343.20	0.010

X-Y Pairs Table  
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.006	660.00	0.004	420.00	0.004
890.00	0.000	650.00	0.003	410.00	0.003
880.00	0.001	640.00	0.003	400.00	0.003
870.00	-0.001	630.00	0.003	390.00	0.003
860.00	0.002	620.00	0.003	380.00	0.004
850.00	0.000	610.00	0.003	370.00	0.004
840.00	0.002	600.00	0.003	360.00	0.006
830.00	0.000	590.00	0.003	350.00	0.001
820.00	0.002	580.00	0.003	340.00	0.001
810.00	0.000	570.00	0.002	330.00	0.004
800.00	0.000	560.00	0.003	320.00	0.007
790.00	0.001	550.00	0.002	310.00	0.003
780.00	0.001	540.00	0.003	300.00	0.006
770.00	0.002	530.00	0.003	290.00	0.006
760.00	0.002	520.00	0.003	280.00	0.008
750.00	0.002	510.00	0.003	270.00	0.010
740.00	0.002	500.00	0.003	260.00	0.013
730.00	0.003	490.00	0.003	250.00	0.012
720.00	0.003	480.00	0.002	240.00	0.014
710.00	0.003	470.00	0.002	230.00	0.018
700.00	0.003	460.00	0.003	220.00	0.032
690.00	0.003	450.00	0.004	210.00	0.052
680.00	0.003	440.00	0.004	200.00	0.071
670.00	0.003	430.00	0.004		

**Sample Name: Sample 17 Rack 1 Tube 17**

Collection Time 10/18/2019 5:06:51 PM

## Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.015
894.40	-0.004
892.80	0.024
888.80	0.005
880.80	0.010
878.40	0.007
870.40	0.007

X-Y Pairs Table  
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.002	660.00	0.003	420.00	0.003
890.00	-0.005	650.00	0.003	410.00	0.003
880.00	0.001	640.00	0.003	400.00	0.004
870.00	0.003	630.00	0.003	390.00	0.005
860.00	-0.003	620.00	0.003	380.00	0.007
850.00	0.001	610.00	0.003	370.00	0.007
840.00	0.001	600.00	0.003	360.00	0.010
830.00	0.000	590.00	0.003	350.00	0.005
820.00	0.002	580.00	0.003	340.00	0.010
810.00	0.002	570.00	0.002	330.00	0.011
800.00	0.001	560.00	0.002	320.00	0.013
790.00	0.002	550.00	0.003	310.00	0.014
780.00	0.001	540.00	0.003	300.00	0.018
770.00	0.003	530.00	0.002	290.00	0.022
760.00	0.002	520.00	0.002	280.00	0.027
750.00	0.003	510.00	0.002	270.00	0.034
740.00	0.003	500.00	0.003	260.00	0.036
730.00	0.003	490.00	0.002	250.00	0.041
720.00	0.003	480.00	0.002	240.00	0.044
710.00	0.003	470.00	0.002	230.00	0.049
700.00	0.003	460.00	0.002	220.00	0.056
690.00	0.002	450.00	0.003	210.00	0.069
680.00	0.002	440.00	0.004	200.00	0.089
670.00	0.002	430.00	0.004		

**Sample Name: Sample 18 Rack 1 Tube 18**

Collection Time 10/18/2019 5:10:03 PM

Peak Table  
 Peak Style Peaks  
 Peak Threshold 0.0100  
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.006
895.20	0.006
892.00	0.019
888.80	0.007
884.80	0.007
878.40	0.010
873.60	0.009
352.80	0.016

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.011	660.00	0.003	420.00	0.005
890.00	-0.002	650.00	0.002	410.00	0.005
880.00	-0.001	640.00	0.002	400.00	0.005
870.00	0.001	630.00	0.002	390.00	0.007
860.00	-0.001	620.00	0.002	380.00	0.007
850.00	0.001	610.00	0.003	370.00	0.008
840.00	0.003	600.00	0.002	360.00	0.010
830.00	-0.001	590.00	0.003	350.00	0.008
820.00	0.002	580.00	0.002	340.00	0.010
810.00	-0.001	570.00	0.002	330.00	0.012
800.00	-0.002	560.00	0.002	320.00	0.018
790.00	0.001	550.00	0.002	310.00	0.017
780.00	0.001	540.00	0.002	300.00	0.020
770.00	0.003	530.00	0.001	290.00	0.025
760.00	0.002	520.00	0.001	280.00	0.033
750.00	0.003	510.00	0.001	270.00	0.041
740.00	0.003	500.00	0.001	260.00	0.042
730.00	0.003	490.00	0.001	250.00	0.048
720.00	0.002	480.00	0.001	240.00	0.054
710.00	0.002	470.00	0.000	230.00	0.060
700.00	0.002	460.00	0.001	220.00	0.071
690.00	0.002	450.00	0.003	210.00	0.083
680.00	0.002	440.00	0.004	200.00	0.104
670.00	0.002	430.00	0.005		

**Sample Name: Sample 19 Rack 1 Tube 19**

Collection Time 10/18/2019 5:13:15 PM

Peak Table  
 Peak Style Peaks  
 Peak Threshold 0.0100  
 Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.003
892.80	0.018
884.80	0.008
880.80	0.008
878.40	0.008

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.002	660.00	0.001	420.00	0.002
890.00	0.000	650.00	0.001	410.00	0.002
880.00	-0.009	640.00	0.001	400.00	0.002
870.00	0.001	630.00	0.001	390.00	0.002

860.00	0.001	620.00	0.001	380.00	0.003
850.00	0.002	610.00	0.001	370.00	0.003
840.00	0.000	600.00	0.002	360.00	0.004
830.00	0.000	590.00	0.002	350.00	0.003
820.00	0.002	580.00	0.003	340.00	0.003
810.00	0.000	570.00	0.002	330.00	0.004
800.00	0.000	560.00	0.002	320.00	0.009
790.00	0.001	550.00	0.002	310.00	0.002
780.00	-0.001	540.00	0.002	300.00	0.008
770.00	0.001	530.00	0.001	290.00	0.007
760.00	0.000	520.00	0.001	280.00	0.009
750.00	0.000	510.00	0.001	270.00	0.012
740.00	0.000	500.00	0.001	260.00	0.012
730.00	0.000	490.00	0.001	250.00	0.016
720.00	0.000	480.00	0.001	240.00	0.017
710.00	0.000	470.00	0.001	230.00	0.020
700.00	0.001	460.00	0.001	220.00	0.032
690.00	0.000	450.00	0.002	210.00	0.054
680.00	0.001	440.00	0.003	200.00	0.072
670.00	0.001	430.00	0.004		

**Sample Name: Sample 20 Rack 1 Tube 20**

Collection Time 10/18/2019 5:16:28 PM

## Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.010
895.20	-0.003
892.00	0.012
887.20	0.003
883.20	0.013

## X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	0.004	420.00	0.004
890.00	-0.003	650.00	0.003	410.00	0.004
880.00	-0.001	640.00	0.003	400.00	0.003
870.00	0.003	630.00	0.004	390.00	0.004
860.00	-0.002	620.00	0.003	380.00	0.004
850.00	0.003	610.00	0.004	370.00	0.005
840.00	0.003	600.00	0.003	360.00	0.006
830.00	0.001	590.00	0.004	350.00	0.002
820.00	0.002	580.00	0.003	340.00	0.003
810.00	0.001	570.00	0.003	330.00	0.005
800.00	0.000	560.00	0.002	320.00	0.008
790.00	0.002	550.00	0.002	310.00	0.002
780.00	0.000	540.00	0.002	300.00	0.009
770.00	0.003	530.00	0.002	290.00	0.009
760.00	0.002	520.00	0.003	280.00	0.008
750.00	0.002	510.00	0.003	270.00	0.014
740.00	0.002	500.00	0.003	260.00	0.015
730.00	0.003	490.00	0.002	250.00	0.016
720.00	0.003	480.00	0.002	240.00	0.015
710.00	0.002	470.00	0.002	230.00	0.020
700.00	0.003	460.00	0.002	220.00	0.031
690.00	0.003	450.00	0.003	210.00	0.050
680.00	0.003	440.00	0.004	200.00	0.069
670.00	0.003	430.00	0.004		

**Sample Name: Sample 21 Rack 1 Tube 21**

Collection Time 10/18/2019 5:19:40 PM

## Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.014
896.80	0.007
895.20	-0.006
892.00	0.012
888.80	0.001
884.80	0.004
876.80	0.007
348.00	0.010

## X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.003	660.00	0.003	420.00	0.004
890.00	-0.001	650.00	0.002	410.00	0.004
880.00	-0.001	640.00	0.002	400.00	0.003
870.00	0.000	630.00	0.002	390.00	0.004
860.00	-0.002	620.00	0.003	380.00	0.004
850.00	0.003	610.00	0.003	370.00	0.004
840.00	0.003	600.00	0.004	360.00	0.004
830.00	0.001	590.00	0.004	350.00	-0.001
820.00	0.001	580.00	0.003	340.00	0.002
810.00	0.002	570.00	0.003	330.00	0.003
800.00	0.000	560.00	0.002	320.00	0.006
790.00	0.001	550.00	0.002	310.00	0.001
780.00	0.001	540.00	0.003	300.00	0.004
770.00	0.001	530.00	0.003	290.00	0.005
760.00	0.002	520.00	0.003	280.00	0.007
750.00	0.003	510.00	0.003	270.00	0.008
740.00	0.002	500.00	0.002	260.00	0.008
730.00	0.003	490.00	0.001	250.00	0.009
720.00	0.003	480.00	0.001	240.00	0.011
710.00	0.003	470.00	0.002	230.00	0.011
700.00	0.003	460.00	0.003	220.00	0.010
690.00	0.003	450.00	0.004	210.00	0.010
680.00	0.003	440.00	0.004	200.00	0.011
670.00	0.002	430.00	0.005		

**Sample Name: Sample 22 Rack 1 Tube 22**

Collection Time 10/18/2019 5:22:53 PM

## Peak Table

Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
892.00	0.028
890.40	0.016
884.80	0.006
868.00	0.007

## X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.018	660.00	0.004	420.00	0.003
890.00	0.011	650.00	0.003	410.00	0.003
880.00	-0.001	640.00	0.004	400.00	0.003
870.00	-0.001	630.00	0.003	390.00	0.003
860.00	-0.002	620.00	0.003	380.00	0.004
850.00	0.002	610.00	0.003	370.00	0.004
840.00	0.001	600.00	0.003	360.00	0.005
830.00	0.002	590.00	0.003	350.00	0.002
820.00	0.003	580.00	0.002	340.00	0.003
810.00	0.000	570.00	0.002	330.00	0.004
800.00	-0.001	560.00	0.001	320.00	0.009
790.00	0.001	550.00	0.002	310.00	0.004
780.00	-0.001	540.00	0.002	300.00	0.010
770.00	0.003	530.00	0.001	290.00	0.008
760.00	0.001	520.00	0.001	280.00	0.011
750.00	0.002	510.00	0.002	270.00	0.015
740.00	0.001	500.00	0.002	260.00	0.018

730.00	0.002	490.00	0.001	250.00	0.019
720.00	0.001	480.00	0.001	240.00	0.021
710.00	0.002	470.00	0.001	230.00	0.023
700.00	0.003	460.00	0.002	220.00	0.032
690.00	0.002	450.00	0.003	210.00	0.045
680.00	0.002	440.00	0.003	200.00	0.062
670.00	0.003	430.00	0.003		

**Sample Name: Sample 23 Rack 1 Tube 23**

Collection Time 10/18/2019 5:26:05 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.016
892.00	0.010
884.80	0.006
873.60	0.009

**X-Y Pairs Table**

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.002	660.00	0.002	420.00	0.005
890.00	0.003	650.00	0.002	410.00	0.005
880.00	0.001	640.00	0.002	400.00	0.005
870.00	0.001	630.00	0.002	390.00	0.005
860.00	0.004	620.00	0.003	380.00	0.006
850.00	0.001	610.00	0.003	370.00	0.007
840.00	0.003	600.00	0.003	360.00	0.010
830.00	0.001	590.00	0.003	350.00	0.007
820.00	0.001	580.00	0.003	340.00	0.009
810.00	-0.001	570.00	0.002	330.00	0.011
800.00	-0.003	560.00	0.002	320.00	0.018
790.00	-0.001	550.00	0.002	310.00	0.012
780.00	-0.002	540.00	0.002	300.00	0.021
770.00	0.001	530.00	0.001	290.00	0.020
760.00	0.000	520.00	0.001	280.00	0.023
750.00	0.000	510.00	0.002	270.00	0.028
740.00	0.000	500.00	0.002	260.00	0.029
730.00	0.000	490.00	0.002	250.00	0.030
720.00	0.001	480.00	0.002	240.00	0.034
710.00	0.000	470.00	0.002	230.00	0.036
700.00	0.001	460.00	0.003	220.00	0.042
690.00	0.000	450.00	0.005	210.00	0.054
680.00	0.001	440.00	0.004	200.00	0.073
670.00	0.002	430.00	0.005		

**Sample Name: Sample 24 Rack 1 Tube 24**

Collection Time 10/18/2019 5:29:16 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
895.20	-0.003
892.00	0.011
889.60	0.009
882.40	0.005
880.80	0.013
876.00	0.008
342.40	0.011

**X-Y Pairs Table**

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
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900.00	0.018	660.00	0.002	420.00	0.005
890.00	0.002	650.00	0.002	410.00	0.005
880.00	0.003	640.00	0.002	400.00	0.005
870.00	0.001	630.00	0.002	390.00	0.006
860.00	0.001	620.00	0.002	380.00	0.007
850.00	0.000	610.00	0.002	370.00	0.007
840.00	0.002	600.00	0.002	360.00	0.008
830.00	0.000	590.00	0.002	350.00	0.003
820.00	0.000	580.00	0.002	340.00	0.000
810.00	0.001	570.00	0.001	330.00	0.003
800.00	-0.002	560.00	0.001	320.00	0.009
790.00	0.000	550.00	0.001	310.00	0.002
780.00	0.000	540.00	0.002	300.00	0.008
770.00	0.001	530.00	0.001	290.00	0.007
760.00	0.001	520.00	0.001	280.00	0.010
750.00	0.001	510.00	0.002	270.00	0.014
740.00	0.002	500.00	0.002	260.00	0.016
730.00	0.002	490.00	0.002	250.00	0.016
720.00	0.003	480.00	0.002	240.00	0.017
710.00	0.002	470.00	0.003	230.00	0.019
700.00	0.003	460.00	0.004	220.00	0.027
690.00	0.002	450.00	0.004	210.00	0.040
680.00	0.002	440.00	0.005	200.00	0.052
670.00	0.002	430.00	0.004		

**Sample Name: Sample 25 Rack 1 Tube 25**

Collection Time 10/18/2019 5:32:27 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.006
892.00	0.010
884.80	0.014
878.40	0.008

**X-Y Pairs Table**

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.000	660.00	0.004	420.00	0.016
890.00	0.004	650.00	0.003	410.00	0.018
880.00	0.006	640.00	0.004	400.00	0.021
870.00	0.000	630.00	0.004	390.00	0.025
860.00	-0.002	620.00	0.004	380.00	0.029
850.00	0.001	610.00	0.004	370.00	0.034
840.00	0.001	600.00	0.004	360.00	0.041
830.00	0.001	590.00	0.004	350.00	0.042
820.00	0.004	580.00	0.004	340.00	0.051
810.00	0.002	570.00	0.004	330.00	0.061
800.00	-0.001	560.00	0.004	320.00	0.076
790.00	0.000	550.00	0.005	310.00	0.083
780.00	0.000	540.00	0.006	300.00	0.097
770.00	0.002	530.00	0.005	290.00	0.111
760.00	0.002	520.00	0.007	280.00	0.128
750.00	0.002	510.00	0.007	270.00	0.144
740.00	0.002	500.00	0.007	260.00	0.161
730.00	0.003	490.00	0.007	250.00	0.171
720.00	0.003	480.00	0.008	240.00	0.191
710.00	0.003	470.00	0.008	230.00	0.217
700.00	0.004	460.00	0.010	220.00	0.250
690.00	0.003	450.00	0.011	210.00	0.298
680.00	0.003	440.00	0.013	200.00	0.347
670.00	0.004	430.00	0.015		

**Sample Name: Sample 26 Rack 1 Tube 26**

Collection Time 10/18/2019 5:35:40 PM

Peak Table

Peak Style  
 Peak Threshold  
 Range

Peaks  
 0.0100  
 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.021
897.60	0.015
892.00	0.011
889.60	0.007
878.40	0.010
876.00	0.007
873.60	0.007
200.80	0.878

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.007	660.00	0.007	420.00	0.049
890.00	0.004	650.00	0.007	410.00	0.057
880.00	0.005	640.00	0.008	400.00	0.067
870.00	0.001	630.00	0.008	390.00	0.079
860.00	0.001	620.00	0.009	380.00	0.094
850.00	0.003	610.00	0.010	370.00	0.111
840.00	0.003	600.00	0.011	360.00	0.131
830.00	0.002	590.00	0.011	350.00	0.147
820.00	0.004	580.00	0.011	340.00	0.169
810.00	0.002	570.00	0.012	330.00	0.198
800.00	0.002	560.00	0.013	320.00	0.227
790.00	0.003	550.00	0.014	310.00	0.255
780.00	0.001	540.00	0.014	300.00	0.294
770.00	0.003	530.00	0.015	290.00	0.331
760.00	0.002	520.00	0.017	280.00	0.375
750.00	0.004	510.00	0.019	270.00	0.421
740.00	0.003	500.00	0.020	260.00	0.465
730.00	0.004	490.00	0.022	250.00	0.497
720.00	0.004	480.00	0.023	240.00	0.549
710.00	0.004	470.00	0.025	230.00	0.627
700.00	0.005	460.00	0.029	220.00	0.712
690.00	0.005	450.00	0.033	210.00	0.815
680.00	0.006	440.00	0.038	200.00	0.867
670.00	0.006	430.00	0.043		

### Sample Name: Sample 27 Rack 1 Tube 27

Collection Time 10/18/2019 5:38:53 PM

Peak Table  
 Peak Style  
 Peak Threshold  
 Range

Peaks  
 0.0100  
 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.023
892.00	0.017
889.60	-0.001
882.40	0.007
878.40	0.006

X-Y Pairs Table  
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.006	660.00	0.003	420.00	0.008
890.00	-0.006	650.00	0.002	410.00	0.009
880.00	0.001	640.00	0.003	400.00	0.011
870.00	0.003	630.00	0.002	390.00	0.014
860.00	-0.001	620.00	0.002	380.00	0.017
850.00	0.001	610.00	0.002	370.00	0.019
840.00	0.002	600.00	0.003	360.00	0.022
830.00	0.002	590.00	0.003	350.00	0.019
820.00	0.001	580.00	0.003	340.00	0.026
810.00	0.001	570.00	0.003	330.00	0.030
800.00	-0.001	560.00	0.002	320.00	0.038
790.00	0.001	550.00	0.003	310.00	0.035

780.00	0.000	540.00	0.003	300.00	0.042
770.00	0.001	530.00	0.003	290.00	0.048
760.00	0.001	520.00	0.003	280.00	0.055
750.00	0.002	510.00	0.003	270.00	0.061
740.00	0.002	500.00	0.003	260.00	0.068
730.00	0.002	490.00	0.003	250.00	0.074
720.00	0.002	480.00	0.003	240.00	0.083
710.00	0.002	470.00	0.004	230.00	0.095
700.00	0.003	460.00	0.005	220.00	0.119
690.00	0.002	450.00	0.006	210.00	0.157
680.00	0.002	440.00	0.007	200.00	0.184
670.00	0.002	430.00	0.008		

**Sample Name: Sample 28 Rack 1 Tube 28**

Collection Time 10/18/2019 5:42:05 PM

Peak Table  
Peak Style Peaks  
Peak Threshold 0.0100  
Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.001
892.80	0.017
887.20	0.008
876.80	0.009
352.80	0.012

## X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.010	660.00	0.005	420.00	0.005
890.00	-0.002	650.00	0.004	410.00	0.004
880.00	0.000	640.00	0.004	400.00	0.005
870.00	0.003	630.00	0.004	390.00	0.005
860.00	0.002	620.00	0.004	380.00	0.006
850.00	0.002	610.00	0.004	370.00	0.006
840.00	0.005	600.00	0.004	360.00	0.008
830.00	0.001	590.00	0.004	350.00	0.003
820.00	0.001	580.00	0.004	340.00	0.006
810.00	0.003	570.00	0.003	330.00	0.004
800.00	0.000	560.00	0.003	320.00	0.009
790.00	0.002	550.00	0.003	310.00	0.005
780.00	0.002	540.00	0.003	300.00	0.007
770.00	0.002	530.00	0.003	290.00	0.006
760.00	0.001	520.00	0.003	280.00	0.008
750.00	0.002	510.00	0.004	270.00	0.009
740.00	0.002	500.00	0.004	260.00	0.009
730.00	0.002	490.00	0.003	250.00	0.011
720.00	0.002	480.00	0.003	240.00	0.011
710.00	0.003	470.00	0.003	230.00	0.012
700.00	0.003	460.00	0.004	220.00	0.009
690.00	0.004	450.00	0.004	210.00	0.009
680.00	0.004	440.00	0.005	200.00	0.015
670.00	0.004	430.00	0.005		