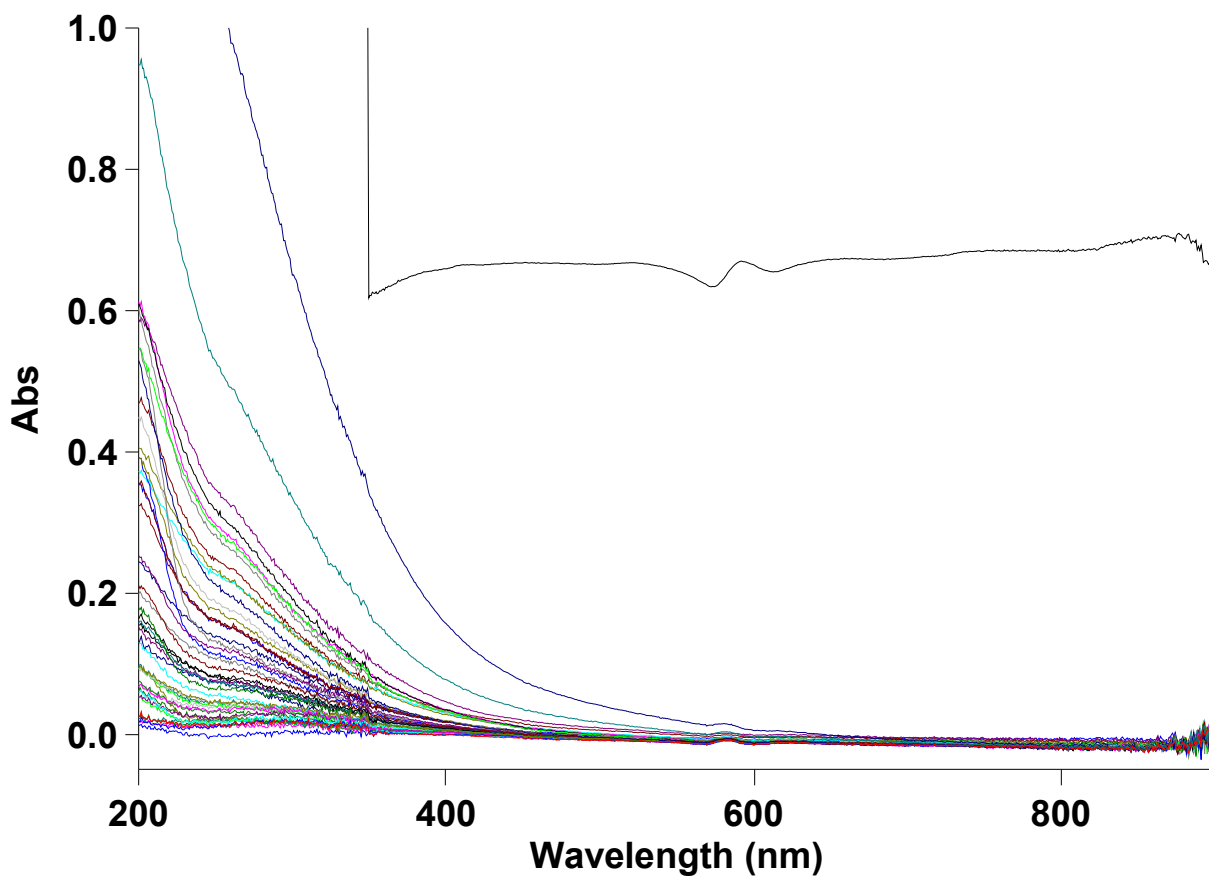


NIVA



Scan Analysis Report

Report Time : Mon 28 Oct 01:26:41 PM 2019
Method: H:\1000 sjøer UV-spek\UV-scan MED SAMPLER 1000 sjoer.MSW
Batch: H:\1000 sjøer UV-spek\191028\191028_run.DSW
Software version: 4.20(468)
Operator: SIJ

Zero Report

Read	Abs(900.00)
Zero	0.6895

Sample Name: Baseline 100%T

Collection Time 10/28/2019 1:23:51 PM

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

Wavelength (nm)	Abs
876.80	0.709
592.00	0.670
452.00	0.668

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.657	660.00	0.674	420.00	0.665
890.00	0.688	650.00	0.672	410.00	0.665
880.00	0.703	640.00	0.670	400.00	0.659
870.00	0.705	630.00	0.665	390.00	0.656
860.00	0.704	620.00	0.658	380.00	0.650
850.00	0.701	610.00	0.656	370.00	0.642
840.00	0.695	600.00	0.665	360.00	0.629
830.00	0.692	590.00	0.668	350.00	0.620
820.00	0.687	580.00	0.644	340.00	1.357
810.00	0.684	570.00	0.636	330.00	1.357
800.00	0.684	560.00	0.648	320.00	1.372
790.00	0.685	550.00	0.657	310.00	1.383
780.00	0.684	540.00	0.663	300.00	1.392
770.00	0.685	530.00	0.666	290.00	1.404
760.00	0.685	520.00	0.668	280.00	1.424
750.00	0.684	510.00	0.667	270.00	1.444
740.00	0.684	500.00	0.666	260.00	1.462
730.00	0.680	490.00	0.666	250.00	1.483
720.00	0.677	480.00	0.667	240.00	1.504
710.00	0.676	470.00	0.668	230.00	1.520
700.00	0.674	460.00	0.668	220.00	1.539
690.00	0.673	450.00	0.668	210.00	1.554
680.00	0.673	440.00	0.667	200.00	1.581
670.00	0.674	430.00	0.666		

Sample Name: Sample 1 Rack 1 Tube 1

Collection Time 10/28/2019 1:27:36 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.010
892.80	0.015
888.80	0.005
879.20	-0.003
874.40	0.004
329.60	0.009

X-Y Pairs Table
Data Interval

10.00

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

Sample Name: Sample 2 Rack 1 Tube 2

Collection Time 10/28/2019 1:30:49 PM

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

Wavelength (nm)	Abs
898.40	0.013
896.00	0.010
889.60	0.005
880.00	-0.003
873.60	0.000
863.20	0.000

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.019	660.00	-0.001	420.00	0.033
890.00	0.002	650.00	-0.001	410.00	0.040
880.00	-0.003	640.00	0.000	400.00	0.047
870.00	-0.006	630.00	0.000	390.00	0.056
860.00	-0.007	620.00	0.000	380.00	0.066
850.00	-0.009	610.00	0.000	370.00	0.078
840.00	-0.007	600.00	0.000	360.00	0.092
830.00	-0.008	590.00	0.002	350.00	0.108
820.00	-0.007	580.00	0.002	340.00	0.126
810.00	-0.006	570.00	0.000	330.00	0.144
800.00	-0.008	560.00	0.002	320.00	0.164
790.00	-0.006	550.00	0.003	310.00	0.188
780.00	-0.003	540.00	0.004	300.00	0.213
770.00	-0.005	530.00	0.006	290.00	0.239
760.00	-0.005	520.00	0.007	280.00	0.268
750.00	-0.005	510.00	0.009	270.00	0.297
740.00	-0.004	500.00	0.010	260.00	0.323
730.00	-0.004	490.00	0.011	250.00	0.347
720.00	-0.004	480.00	0.014	240.00	0.382
710.00	-0.004	470.00	0.016	230.00	0.434
700.00	-0.003	460.00	0.018	220.00	0.492
690.00	-0.003	450.00	0.021	210.00	0.556
680.00	-0.002	440.00	0.024	200.00	0.588
670.00	-0.002	430.00	0.028		

Sample Name: Sample 3 Rack 1 Tube 3

Collection Time 10/28/2019 1:34:01 PM

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

Wavelength (nm)	Abs
899.20	0.015
896.80	0.008
894.40	0.010
889.60	0.007
886.40	-0.001
879.20	-0.003
874.40	0.000

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.005	660.00	-0.004	420.00	0.026
890.00	0.001	650.00	-0.003	410.00	0.030
880.00	-0.004	640.00	-0.003	400.00	0.035
870.00	-0.008	630.00	-0.002	390.00	0.042
860.00	-0.009	620.00	-0.001	380.00	0.049

850.00	-0.009	610.00	-0.002	370.00	0.056
840.00	-0.009	600.00	-0.002	360.00	0.068
830.00	-0.009	590.00	-0.001	350.00	0.077
820.00	-0.008	580.00	0.000	340.00	0.087
810.00	-0.007	570.00	-0.002	330.00	0.100
800.00	-0.007	560.00	-0.001	320.00	0.116
790.00	-0.008	550.00	0.001	310.00	0.133
780.00	-0.007	540.00	0.001	300.00	0.150
770.00	-0.007	530.00	0.003	290.00	0.172
760.00	-0.007	520.00	0.005	280.00	0.193
750.00	-0.007	510.00	0.005	270.00	0.217
740.00	-0.007	500.00	0.007	260.00	0.236
730.00	-0.006	490.00	0.008	250.00	0.249
720.00	-0.006	480.00	0.009	240.00	0.271
710.00	-0.006	470.00	0.011	230.00	0.309
700.00	-0.006	460.00	0.013	220.00	0.362
690.00	-0.005	450.00	0.016	210.00	0.435
680.00	-0.004	440.00	0.020	200.00	0.469
670.00	-0.004	430.00	0.023		

Sample Name: Sample 4 Rack 1 Tube 4

Collection Time 10/28/2019 1:37:13 PM

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

Wavelength (nm)	Abs
899.20	0.002
892.80	0.007
888.80	0.001
884.00	-0.003
880.00	-0.007
874.40	0.000
348.80	0.016
331.20	0.014

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.007	420.00	0.004
890.00	-0.011	650.00	-0.006	410.00	0.004
880.00	-0.007	640.00	-0.007	400.00	0.005
870.00	-0.013	630.00	-0.006	390.00	0.006
860.00	-0.012	620.00	-0.006	380.00	0.007
850.00	-0.013	610.00	-0.006	370.00	0.008
840.00	-0.010	600.00	-0.007	360.00	0.010
830.00	-0.011	590.00	-0.005	350.00	0.009
820.00	-0.010	580.00	-0.004	340.00	0.008
810.00	-0.010	570.00	-0.007	330.00	0.011
800.00	-0.010	560.00	-0.006	320.00	0.010
790.00	-0.010	550.00	-0.006	310.00	0.016
780.00	-0.009	540.00	-0.005	300.00	0.016
770.00	-0.010	530.00	-0.004	290.00	0.019
760.00	-0.009	520.00	-0.003	280.00	0.020
750.00	-0.008	510.00	-0.002	270.00	0.023
740.00	-0.008	500.00	-0.001	260.00	0.024
730.00	-0.008	490.00	-0.001	250.00	0.024
720.00	-0.007	480.00	-0.001	240.00	0.027
710.00	-0.008	470.00	-0.001	230.00	0.028
700.00	-0.007	460.00	-0.001	220.00	0.036
690.00	-0.007	450.00	0.001	210.00	0.053
680.00	-0.007	440.00	0.002	200.00	0.062
670.00	-0.006	430.00	0.002		

Sample Name: Sample 5 Rack 1 Tube 5

Collection Time 10/28/2019 1:40:25 PM

Peak Table
Peak Style Peaks
Peak Threshold 0.0100

Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.012
887.20	0.000
881.60	-0.005
874.40	-0.001
347.20	0.016
337.60	0.016

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.042	660.00	-0.007	420.00	0.005
890.00	-0.005	650.00	-0.007	410.00	0.005
880.00	-0.007	640.00	-0.008	400.00	0.006
870.00	-0.008	630.00	-0.006	390.00	0.007
860.00	-0.014	620.00	-0.006	380.00	0.007
850.00	-0.013	610.00	-0.007	370.00	0.008
840.00	-0.010	600.00	-0.008	360.00	0.009
830.00	-0.013	590.00	-0.006	350.00	0.009
820.00	-0.012	580.00	-0.004	340.00	0.010
810.00	-0.011	570.00	-0.008	330.00	0.009
800.00	-0.012	560.00	-0.007	320.00	0.013
790.00	-0.011	550.00	-0.005	310.00	0.016
780.00	-0.010	540.00	-0.005	300.00	0.017
770.00	-0.010	530.00	-0.004	290.00	0.020
760.00	-0.011	520.00	-0.003	280.00	0.021
750.00	-0.009	510.00	-0.002	270.00	0.024
740.00	-0.009	500.00	-0.001	260.00	0.025
730.00	-0.009	490.00	-0.001	250.00	0.023
720.00	-0.009	480.00	-0.001	240.00	0.025
710.00	-0.009	470.00	-0.001	230.00	0.026
700.00	-0.008	460.00	0.000	220.00	0.045
690.00	-0.008	450.00	0.001	210.00	0.077
680.00	-0.008	440.00	0.003	200.00	0.097
670.00	-0.008	430.00	0.003		

Sample Name: Sample 6 Rack 1 Tube 6

Collection Time 10/28/2019 1:43:38 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.004
892.80	0.008
889.60	0.001
879.20	-0.005
874.40	-0.003
201.60	0.140

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.008	420.00	0.006
890.00	-0.005	650.00	-0.008	410.00	0.008
880.00	-0.017	640.00	-0.007	400.00	0.010
870.00	-0.014	630.00	-0.007	390.00	0.012
860.00	-0.015	620.00	-0.007	380.00	0.015
850.00	-0.016	610.00	-0.007	370.00	0.016
840.00	-0.012	600.00	-0.009	360.00	0.019
830.00	-0.013	590.00	-0.006	350.00	0.022
820.00	-0.014	580.00	-0.005	340.00	0.019
810.00	-0.013	570.00	-0.008	330.00	0.029
800.00	-0.012	560.00	-0.007	320.00	0.033
790.00	-0.013	550.00	-0.005	310.00	0.039
780.00	-0.011	540.00	-0.005	300.00	0.045
770.00	-0.012	530.00	-0.004	290.00	0.054
760.00	-0.013	520.00	-0.003	280.00	0.058

750.00	-0.011	510.00	-0.002	270.00	0.066
740.00	-0.011	500.00	-0.002	260.00	0.070
730.00	-0.011	490.00	-0.002	250.00	0.077
720.00	-0.010	480.00	-0.001	240.00	0.079
710.00	-0.010	470.00	0.000	230.00	0.089
700.00	-0.010	460.00	0.000	220.00	0.100
690.00	-0.009	450.00	0.002	210.00	0.115
680.00	-0.009	440.00	0.004	200.00	0.129
670.00	-0.009	430.00	0.004		

Sample Name: Sample 7 Rack 1 Tube 7

Collection Time 10/28/2019 1:46:50 PM

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

Wavelength (nm)	Abs
895.20	0.010
893.60	0.019
890.40	0.010
887.20	-0.001
884.80	0.005
877.60	-0.008
872.80	-0.005
349.60	0.024

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.003	660.00	-0.009	420.00	0.005
890.00	0.005	650.00	-0.008	410.00	0.006
880.00	-0.009	640.00	-0.008	400.00	0.008
870.00	-0.015	630.00	-0.007	390.00	0.009
860.00	-0.015	620.00	-0.007	380.00	0.012
850.00	-0.015	610.00	-0.008	370.00	0.013
840.00	-0.013	600.00	-0.010	360.00	0.018
830.00	-0.014	590.00	-0.007	350.00	0.020
820.00	-0.014	580.00	-0.005	340.00	0.019
810.00	-0.013	570.00	-0.010	330.00	0.025
800.00	-0.014	560.00	-0.008	320.00	0.027
790.00	-0.013	550.00	-0.008	310.00	0.032
780.00	-0.011	540.00	-0.007	300.00	0.036
770.00	-0.012	530.00	-0.006	290.00	0.037
760.00	-0.012	520.00	-0.005	280.00	0.043
750.00	-0.011	510.00	-0.004	270.00	0.044
740.00	-0.011	500.00	-0.002	260.00	0.044
730.00	-0.011	490.00	-0.003	250.00	0.047
720.00	-0.010	480.00	-0.001	240.00	0.047
710.00	-0.010	470.00	-0.001	230.00	0.052
700.00	-0.010	460.00	-0.001	220.00	0.067
690.00	-0.009	450.00	0.001	210.00	0.083
680.00	-0.010	440.00	0.002	200.00	0.094
670.00	-0.009	430.00	0.003		

Sample Name: Sample 8 Rack 1 Tube 8

Collection Time 10/28/2019 1:50:02 PM

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

Wavelength (nm)	Abs
899.20	0.018
893.60	0.001
888.80	0.007
884.80	-0.002
880.00	-0.003
874.40	-0.005

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	-0.009	420.00	0.004
890.00	-0.012	650.00	-0.009	410.00	0.005
880.00	-0.003	640.00	-0.009	400.00	0.007
870.00	-0.015	630.00	-0.008	390.00	0.007
860.00	-0.016	620.00	-0.008	380.00	0.009
850.00	-0.017	610.00	-0.009	370.00	0.010
840.00	-0.013	600.00	-0.010	360.00	0.013
830.00	-0.017	590.00	-0.007	350.00	0.016
820.00	-0.016	580.00	-0.006	340.00	0.014
810.00	-0.015	570.00	-0.010	330.00	0.021
800.00	-0.014	560.00	-0.008	320.00	0.024
790.00	-0.014	550.00	-0.008	310.00	0.028
780.00	-0.013	540.00	-0.008	300.00	0.032
770.00	-0.014	530.00	-0.006	290.00	0.035
760.00	-0.013	520.00	-0.005	280.00	0.037
750.00	-0.012	510.00	-0.004	270.00	0.039
740.00	-0.011	500.00	-0.003	260.00	0.039
730.00	-0.011	490.00	-0.003	250.00	0.040
720.00	-0.011	480.00	-0.002	240.00	0.042
710.00	-0.011	470.00	-0.002	230.00	0.044
700.00	-0.011	460.00	-0.001	220.00	0.049
690.00	-0.010	450.00	0.000	210.00	0.057
680.00	-0.010	440.00	0.002	200.00	0.072
670.00	-0.010	430.00	0.002		

Sample Name: Sample 9 Rack 1 Tube 9

Collection Time 10/28/2019 1:53:14 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.010
896.00	-0.007
892.80	0.017
882.40	-0.009
880.00	-0.004
874.40	-0.008

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.023	660.00	-0.010	420.00	0.004
890.00	-0.010	650.00	-0.009	410.00	0.005
880.00	-0.004	640.00	-0.009	400.00	0.007
870.00	-0.015	630.00	-0.008	390.00	0.008
860.00	-0.017	620.00	-0.008	380.00	0.010
850.00	-0.017	610.00	-0.009	370.00	0.012
840.00	-0.015	600.00	-0.010	360.00	0.013
830.00	-0.016	590.00	-0.008	350.00	0.016
820.00	-0.014	580.00	-0.006	340.00	0.016
810.00	-0.012	570.00	-0.010	330.00	0.021
800.00	-0.015	560.00	-0.009	320.00	0.025
790.00	-0.015	550.00	-0.008	310.00	0.032
780.00	-0.013	540.00	-0.007	300.00	0.031
770.00	-0.013	530.00	-0.005	290.00	0.034
760.00	-0.013	520.00	-0.004	280.00	0.035
750.00	-0.013	510.00	-0.003	270.00	0.040
740.00	-0.012	500.00	-0.002	260.00	0.040
730.00	-0.012	490.00	-0.002	250.00	0.041
720.00	-0.012	480.00	-0.001	240.00	0.045
710.00	-0.012	470.00	-0.001	230.00	0.049
700.00	-0.012	460.00	0.000	220.00	0.063
690.00	-0.011	450.00	0.000	210.00	0.081
680.00	-0.011	440.00	0.003	200.00	0.094
670.00	-0.010	430.00	0.003		

Sample Name: Sample 10 Rack 1 Tube 10

Collection Time 10/28/2019 1:56:26 PM

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

Wavelength (nm)	Abs
899.20	-0.011
893.60	0.004
880.80	-0.006
874.40	-0.004

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.026	660.00	-0.011	420.00	0.002
890.00	-0.013	650.00	-0.010	410.00	0.003
880.00	-0.008	640.00	-0.010	400.00	0.004
870.00	-0.016	630.00	-0.009	390.00	0.005
860.00	-0.016	620.00	-0.009	380.00	0.005
850.00	-0.016	610.00	-0.010	370.00	0.006
840.00	-0.013	600.00	-0.010	360.00	0.008
830.00	-0.017	590.00	-0.008	350.00	0.008
820.00	-0.016	580.00	-0.006	340.00	0.008
810.00	-0.014	570.00	-0.010	330.00	0.013
800.00	-0.015	560.00	-0.009	320.00	0.008
790.00	-0.014	550.00	-0.008	310.00	0.015
780.00	-0.015	540.00	-0.007	300.00	0.012
770.00	-0.014	530.00	-0.006	290.00	0.015
760.00	-0.014	520.00	-0.006	280.00	0.014
750.00	-0.013	510.00	-0.005	270.00	0.013
740.00	-0.012	500.00	-0.004	260.00	0.012
730.00	-0.013	490.00	-0.004	250.00	0.014
720.00	-0.012	480.00	-0.003	240.00	0.012
710.00	-0.012	470.00	-0.003	230.00	0.012
700.00	-0.011	460.00	-0.002	220.00	0.015
690.00	-0.012	450.00	-0.001	210.00	0.015
680.00	-0.011	440.00	0.000	200.00	0.019
670.00	-0.011	430.00	0.001		

Sample Name: Sample 11 Rack 1 Tube 11

Collection Time 10/28/2019 1:59:37 PM

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

Wavelength (nm)	Abs
896.00	0.001
893.60	0.004
890.40	0.003
880.00	-0.010
874.40	-0.009

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.017	660.00	-0.008	420.00	0.022
890.00	-0.001	650.00	-0.008	410.00	0.026
880.00	-0.010	640.00	-0.008	400.00	0.031
870.00	-0.014	630.00	-0.006	390.00	0.037
860.00	-0.020	620.00	-0.006	380.00	0.044
850.00	-0.017	610.00	-0.007	370.00	0.051
840.00	-0.016	600.00	-0.008	360.00	0.061
830.00	-0.018	590.00	-0.005	350.00	0.068
820.00	-0.017	580.00	-0.003	340.00	0.079

810.00	-0.015	570.00	-0.007	330.00	0.096
800.00	-0.014	560.00	-0.005	320.00	0.108
790.00	-0.016	550.00	-0.003	310.00	0.128
780.00	-0.015	540.00	-0.002	300.00	0.147
770.00	-0.015	530.00	0.000	290.00	0.162
760.00	-0.014	520.00	0.001	280.00	0.181
750.00	-0.013	510.00	0.001	270.00	0.200
740.00	-0.012	500.00	0.003	260.00	0.217
730.00	-0.012	490.00	0.004	250.00	0.228
720.00	-0.011	480.00	0.006	240.00	0.245
710.00	-0.011	470.00	0.008	230.00	0.274
700.00	-0.011	460.00	0.009	220.00	0.304
690.00	-0.010	450.00	0.012	210.00	0.345
680.00	-0.009	440.00	0.016	200.00	0.374
670.00	-0.009	430.00	0.017		

Sample Name: Sample 12 Rack 1 Tube 12

Collection Time 10/28/2019 2:02:49 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.000
896.00	0.004
893.60	0.010
885.60	-0.006

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.022	660.00	-0.011	420.00	0.009
890.00	-0.010	650.00	-0.010	410.00	0.011
880.00	-0.015	640.00	-0.010	400.00	0.014
870.00	-0.017	630.00	-0.009	390.00	0.017
860.00	-0.018	620.00	-0.009	380.00	0.021
850.00	-0.018	610.00	-0.009	370.00	0.024
840.00	-0.016	600.00	-0.010	360.00	0.028
830.00	-0.016	590.00	-0.007	350.00	0.031
820.00	-0.017	580.00	-0.005	340.00	0.040
810.00	-0.014	570.00	-0.010	330.00	0.044
800.00	-0.014	560.00	-0.008	320.00	0.053
790.00	-0.015	550.00	-0.007	310.00	0.061
780.00	-0.014	540.00	-0.006	300.00	0.067
770.00	-0.014	530.00	-0.005	290.00	0.078
760.00	-0.014	520.00	-0.004	280.00	0.086
750.00	-0.014	510.00	-0.003	270.00	0.094
740.00	-0.013	500.00	-0.002	260.00	0.104
730.00	-0.013	490.00	-0.002	250.00	0.108
720.00	-0.013	480.00	0.000	240.00	0.117
710.00	-0.013	470.00	0.000	230.00	0.132
700.00	-0.013	460.00	0.001	220.00	0.150
690.00	-0.012	450.00	0.003	210.00	0.178
680.00	-0.012	440.00	0.005	200.00	0.200
670.00	-0.011	430.00	0.006		

Sample Name: Sample 13 Rack 1 Tube 13

Collection Time 10/28/2019 2:06:01 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.009
896.80	-0.002
894.40	0.001
890.40	0.000

888.80	0.000
885.60	-0.008
880.80	-0.010
872.80	-0.010
347.20	0.036
325.60	0.042

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.021	660.00	-0.011	420.00	0.007
890.00	-0.011	650.00	-0.010	410.00	0.009
880.00	-0.012	640.00	-0.010	400.00	0.012
870.00	-0.015	630.00	-0.009	390.00	0.014
860.00	-0.020	620.00	-0.009	380.00	0.017
850.00	-0.018	610.00	-0.010	370.00	0.018
840.00	-0.016	600.00	-0.011	360.00	0.023
830.00	-0.018	590.00	-0.008	350.00	0.024
820.00	-0.017	580.00	-0.007	340.00	0.032
810.00	-0.017	570.00	-0.011	330.00	0.037
800.00	-0.017	560.00	-0.009	320.00	0.044
790.00	-0.015	550.00	-0.008	310.00	0.047
780.00	-0.015	540.00	-0.008	300.00	0.054
770.00	-0.016	530.00	-0.006	290.00	0.059
760.00	-0.014	520.00	-0.006	280.00	0.065
750.00	-0.014	510.00	-0.005	270.00	0.073
740.00	-0.014	500.00	-0.004	260.00	0.078
730.00	-0.014	490.00	-0.003	250.00	0.083
720.00	-0.013	480.00	-0.002	240.00	0.091
710.00	-0.013	470.00	-0.001	230.00	0.104
700.00	-0.012	460.00	-0.001	220.00	0.117
690.00	-0.012	450.00	0.001	210.00	0.138
680.00	-0.011	440.00	0.003	200.00	0.156
670.00	-0.011	430.00	0.005		

Sample Name: Sample 14 Rack 1 Tube 14

Collection Time 10/28/2019 2:09:14 PM

Peak Table

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

Wavelength (nm)	Abs
894.40	0.004
888.80	-0.005
880.00	-0.007
874.40	-0.008

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.011	420.00	0.013
890.00	-0.014	650.00	-0.009	410.00	0.016
880.00	-0.007	640.00	-0.009	400.00	0.020
870.00	-0.014	630.00	-0.009	390.00	0.023
860.00	-0.014	620.00	-0.008	380.00	0.029
850.00	-0.018	610.00	-0.009	370.00	0.033
840.00	-0.015	600.00	-0.010	360.00	0.042
830.00	-0.017	590.00	-0.008	350.00	0.045
820.00	-0.017	580.00	-0.006	340.00	0.054
810.00	-0.015	570.00	-0.010	330.00	0.066
800.00	-0.015	560.00	-0.008	320.00	0.076
790.00	-0.016	550.00	-0.007	310.00	0.088
780.00	-0.015	540.00	-0.006	300.00	0.097
770.00	-0.015	530.00	-0.005	290.00	0.112
760.00	-0.015	520.00	-0.004	280.00	0.126
750.00	-0.013	510.00	-0.002	270.00	0.140
740.00	-0.013	500.00	-0.001	260.00	0.150
730.00	-0.013	490.00	0.000	250.00	0.164
720.00	-0.013	480.00	0.001	240.00	0.176
710.00	-0.013	470.00	0.003	230.00	0.203
700.00	-0.012	460.00	0.003	220.00	0.246

690.00	-0.011	450.00	0.005	210.00	0.314
680.00	-0.011	440.00	0.008	200.00	0.354
670.00	-0.011	430.00	0.010		

Sample Name: Sample 15 Rack 1 Tube 15

Collection Time 10/28/2019 2:12:26 PM

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

Wavelength (nm)	Abs
898.40	0.003
892.80	0.006
884.80	-0.011
880.00	-0.009
874.40	-0.008

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.015	660.00	-0.011	420.00	0.008
890.00	-0.014	650.00	-0.011	410.00	0.010
880.00	-0.009	640.00	-0.011	400.00	0.012
870.00	-0.015	630.00	-0.009	390.00	0.013
860.00	-0.016	620.00	-0.009	380.00	0.015
850.00	-0.019	610.00	-0.011	370.00	0.017
840.00	-0.015	600.00	-0.012	360.00	0.023
830.00	-0.017	590.00	-0.009	350.00	0.026
820.00	-0.017	580.00	-0.006	340.00	0.034
810.00	-0.014	570.00	-0.011	330.00	0.040
800.00	-0.015	560.00	-0.009	320.00	0.044
790.00	-0.017	550.00	-0.008	310.00	0.049
780.00	-0.015	540.00	-0.007	300.00	0.056
770.00	-0.014	530.00	-0.006	290.00	0.062
760.00	-0.015	520.00	-0.006	280.00	0.066
750.00	-0.015	510.00	-0.005	270.00	0.072
740.00	-0.013	500.00	-0.004	260.00	0.074
730.00	-0.013	490.00	-0.003	250.00	0.078
720.00	-0.013	480.00	-0.002	240.00	0.084
710.00	-0.013	470.00	-0.001	230.00	0.092
700.00	-0.013	460.00	0.000	220.00	0.110
690.00	-0.012	450.00	0.002	210.00	0.130
680.00	-0.012	440.00	0.005	200.00	0.153
670.00	-0.012	430.00	0.006		

Sample Name: Sample 16 Rack 1 Tube 16

Collection Time 10/28/2019 2:15:38 PM

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

Wavelength (nm)	Abs
899.20	0.003
892.80	0.012
887.20	-0.011
884.80	-0.011
881.60	-0.009
874.40	-0.007

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.014	660.00	-0.012	420.00	0.013
890.00	-0.010	650.00	-0.011	410.00	0.015
880.00	-0.017	640.00	-0.011	400.00	0.020

870.00	-0.014	630.00	-0.010	390.00	0.023
860.00	-0.020	620.00	-0.010	380.00	0.028
850.00	-0.019	610.00	-0.010	370.00	0.032
840.00	-0.017	600.00	-0.011	360.00	0.039
830.00	-0.018	590.00	-0.009	350.00	0.045
820.00	-0.019	580.00	-0.006	340.00	0.056
810.00	-0.017	570.00	-0.010	330.00	0.066
800.00	-0.018	560.00	-0.009	320.00	0.078
790.00	-0.018	550.00	-0.007	310.00	0.087
780.00	-0.016	540.00	-0.006	300.00	0.099
770.00	-0.017	530.00	-0.005	290.00	0.114
760.00	-0.016	520.00	-0.004	280.00	0.127
750.00	-0.016	510.00	-0.003	270.00	0.142
740.00	-0.015	500.00	-0.002	260.00	0.152
730.00	-0.015	490.00	-0.001	250.00	0.163
720.00	-0.014	480.00	0.000	240.00	0.177
710.00	-0.014	470.00	0.001	230.00	0.200
700.00	-0.014	460.00	0.002	220.00	0.241
690.00	-0.013	450.00	0.004	210.00	0.291
680.00	-0.012	440.00	0.007	200.00	0.325
670.00	-0.012	430.00	0.009		

Sample Name: Sample 17 Rack 1 Tube 17

Collection Time 10/28/2019 2:18:50 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm) Abs

899.20	0.015
896.00	0.004
894.40	0.001
892.80	0.005
890.40	-0.008
888.80	-0.001
884.80	-0.008
880.80	-0.008
874.40	-0.006

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.029	660.00	-0.012	420.00	0.003
890.00	-0.015	650.00	-0.011	410.00	0.003
880.00	-0.015	640.00	-0.011	400.00	0.005
870.00	-0.017	630.00	-0.010	390.00	0.005
860.00	-0.020	620.00	-0.010	380.00	0.007
850.00	-0.020	610.00	-0.011	370.00	0.008
840.00	-0.018	600.00	-0.012	360.00	0.011
830.00	-0.018	590.00	-0.009	350.00	0.009
820.00	-0.017	580.00	-0.007	340.00	0.015
810.00	-0.017	570.00	-0.012	330.00	0.020
800.00	-0.016	560.00	-0.010	320.00	0.026
790.00	-0.016	550.00	-0.009	310.00	0.025
780.00	-0.016	540.00	-0.009	300.00	0.025
770.00	-0.014	530.00	-0.008	290.00	0.028
760.00	-0.015	520.00	-0.007	280.00	0.030
750.00	-0.014	510.00	-0.006	270.00	0.030
740.00	-0.014	500.00	-0.005	260.00	0.031
730.00	-0.015	490.00	-0.005	250.00	0.034
720.00	-0.013	480.00	-0.004	240.00	0.035
710.00	-0.014	470.00	-0.003	230.00	0.037
700.00	-0.014	460.00	-0.002	220.00	0.046
690.00	-0.013	450.00	-0.001	210.00	0.060
680.00	-0.013	440.00	0.001	200.00	0.077
670.00	-0.013	430.00	0.001		

Sample Name: Sample 18 Rack 1 Tube 18

Collection Time 10/28/2019 2:22:02 PM

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

Wavelength (nm)	Abs
898.40	0.004
896.00	0.012
890.40	-0.003
884.80	-0.004
874.40	-0.010

X-Y Pairs Table
 Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.017	660.00	-0.010	420.00	0.021
890.00	-0.004	650.00	-0.010	410.00	0.024
880.00	-0.013	640.00	-0.009	400.00	0.029
870.00	-0.016	630.00	-0.009	390.00	0.035
860.00	-0.017	620.00	-0.008	380.00	0.041
850.00	-0.020	610.00	-0.009	370.00	0.050
840.00	-0.015	600.00	-0.009	360.00	0.060
830.00	-0.016	590.00	-0.006	350.00	0.068
820.00	-0.017	580.00	-0.004	340.00	0.085
810.00	-0.016	570.00	-0.008	330.00	0.096
800.00	-0.015	560.00	-0.007	320.00	0.109
790.00	-0.016	550.00	-0.005	310.00	0.129
780.00	-0.015	540.00	-0.004	300.00	0.143
770.00	-0.014	530.00	-0.003	290.00	0.163
760.00	-0.013	520.00	-0.002	280.00	0.179
750.00	-0.013	510.00	0.000	270.00	0.200
740.00	-0.013	500.00	0.001	260.00	0.216
730.00	-0.012	490.00	0.002	250.00	0.233
720.00	-0.012	480.00	0.004	240.00	0.255
710.00	-0.012	470.00	0.005	230.00	0.289
700.00	-0.012	460.00	0.007	220.00	0.324
690.00	-0.011	450.00	0.010	210.00	0.371
680.00	-0.010	440.00	0.014	200.00	0.406
670.00	-0.011	430.00	0.017		

Sample Name: Sample 19 Rack 1 Tube 19

Collection Time 10/28/2019 2:25:14 PM

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

Wavelength (nm)	Abs
895.20	0.006
886.40	-0.009

X-Y Pairs Table
 Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.001	660.00	-0.011	420.00	0.013
890.00	-0.009	650.00	-0.010	410.00	0.015
880.00	-0.017	640.00	-0.010	400.00	0.019
870.00	-0.019	630.00	-0.009	390.00	0.022
860.00	-0.017	620.00	-0.008	380.00	0.026
850.00	-0.020	610.00	-0.010	370.00	0.030
840.00	-0.016	600.00	-0.012	360.00	0.037
830.00	-0.019	590.00	-0.008	350.00	0.043
820.00	-0.019	580.00	-0.006	340.00	0.048
810.00	-0.017	570.00	-0.010	330.00	0.060
800.00	-0.018	560.00	-0.008	320.00	0.071
790.00	-0.016	550.00	-0.006	310.00	0.082
780.00	-0.017	540.00	-0.005	300.00	0.092
770.00	-0.016	530.00	-0.005	290.00	0.104
760.00	-0.015	520.00	-0.004	280.00	0.115
750.00	-0.016	510.00	-0.003	270.00	0.124
740.00	-0.014	500.00	-0.002	260.00	0.130

730.00	-0.015	490.00	-0.002	250.00	0.139
720.00	-0.013	480.00	0.000	240.00	0.152
710.00	-0.014	470.00	0.002	230.00	0.169
700.00	-0.014	460.00	0.003	220.00	0.191
690.00	-0.013	450.00	0.005	210.00	0.223
680.00	-0.012	440.00	0.008	200.00	0.245
670.00	-0.012	430.00	0.010		

Sample Name: Sample 20 Rack 1 Tube 20

Collection Time 10/28/2019 2:28:26 PM

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

Wavelength (nm)	Abs
899.20	-0.003
893.60	0.009
890.40	-0.003
888.80	-0.003
874.40	-0.004

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.018	660.00	-0.012	420.00	0.001
890.00	-0.009	650.00	-0.011	410.00	0.002
880.00	-0.019	640.00	-0.011	400.00	0.003
870.00	-0.016	630.00	-0.011	390.00	0.004
860.00	-0.019	620.00	-0.010	380.00	0.005
850.00	-0.021	610.00	-0.011	370.00	0.005
840.00	-0.018	600.00	-0.013	360.00	0.007
830.00	-0.019	590.00	-0.009	350.00	0.006
820.00	-0.018	580.00	-0.007	340.00	0.013
810.00	-0.019	570.00	-0.012	330.00	0.016
800.00	-0.017	560.00	-0.011	320.00	0.016
790.00	-0.018	550.00	-0.009	310.00	0.018
780.00	-0.018	540.00	-0.009	300.00	0.017
770.00	-0.016	530.00	-0.007	290.00	0.019
760.00	-0.016	520.00	-0.006	280.00	0.018
750.00	-0.015	510.00	-0.006	270.00	0.022
740.00	-0.014	500.00	-0.005	260.00	0.021
730.00	-0.015	490.00	-0.005	250.00	0.021
720.00	-0.014	480.00	-0.004	240.00	0.020
710.00	-0.014	470.00	-0.004	230.00	0.020
700.00	-0.014	460.00	-0.004	220.00	0.020
690.00	-0.014	450.00	-0.002	210.00	0.022
680.00	-0.013	440.00	0.000	200.00	0.024
670.00	-0.012	430.00	0.000		

Sample Name: Sample 21 Rack 1 Tube 21

Collection Time 10/28/2019 2:31:39 PM

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

Wavelength (nm)	Abs
899.20	0.013
896.00	0.016
892.80	0.016
888.80	0.001
884.80	-0.011
880.80	-0.011
874.40	-0.006

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.005	660.00	-0.011	420.00	0.004
890.00	-0.004	650.00	-0.011	410.00	0.005
880.00	-0.013	640.00	-0.011	400.00	0.006
870.00	-0.017	630.00	-0.010	390.00	0.008
860.00	-0.016	620.00	-0.009	380.00	0.010
850.00	-0.021	610.00	-0.010	370.00	0.010
840.00	-0.017	600.00	-0.012	360.00	0.014
830.00	-0.018	590.00	-0.009	350.00	0.014
820.00	-0.018	580.00	-0.007	340.00	0.023
810.00	-0.017	570.00	-0.011	330.00	0.028
800.00	-0.016	560.00	-0.010	320.00	0.033
790.00	-0.016	550.00	-0.009	310.00	0.036
780.00	-0.015	540.00	-0.008	300.00	0.035
770.00	-0.016	530.00	-0.007	290.00	0.039
760.00	-0.015	520.00	-0.006	280.00	0.038
750.00	-0.014	510.00	-0.006	270.00	0.042
740.00	-0.013	500.00	-0.004	260.00	0.044
730.00	-0.014	490.00	-0.005	250.00	0.047
720.00	-0.014	480.00	-0.003	240.00	0.049
710.00	-0.014	470.00	-0.003	230.00	0.056
700.00	-0.014	460.00	-0.003	220.00	0.066
690.00	-0.013	450.00	-0.001	210.00	0.081
680.00	-0.013	440.00	0.001	200.00	0.095
670.00	-0.013	430.00	0.003		

Sample Name: Sample 22 Rack 1 Tube 22

Collection Time 10/28/2019 2:34:51 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.004
892.80	0.015
890.40	-0.002
888.80	-0.001
884.80	-0.007
880.00	-0.010
874.40	-0.009

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.013	660.00	-0.012	420.00	0.000
890.00	-0.007	650.00	-0.012	410.00	0.001
880.00	-0.010	640.00	-0.012	400.00	0.003
870.00	-0.016	630.00	-0.011	390.00	0.003
860.00	-0.016	620.00	-0.011	380.00	0.004
850.00	-0.020	610.00	-0.012	370.00	0.004
840.00	-0.017	600.00	-0.013	360.00	0.006
830.00	-0.020	590.00	-0.010	350.00	0.007
820.00	-0.019	580.00	-0.008	340.00	0.012
810.00	-0.017	570.00	-0.013	330.00	0.012
800.00	-0.016	560.00	-0.011	320.00	0.015
790.00	-0.016	550.00	-0.010	310.00	0.018
780.00	-0.016	540.00	-0.009	300.00	0.017
770.00	-0.015	530.00	-0.009	290.00	0.018
760.00	-0.016	520.00	-0.008	280.00	0.018
750.00	-0.016	510.00	-0.007	270.00	0.020
740.00	-0.016	500.00	-0.007	260.00	0.021
730.00	-0.015	490.00	-0.007	250.00	0.019
720.00	-0.015	480.00	-0.005	240.00	0.018
710.00	-0.015	470.00	-0.005	230.00	0.019
700.00	-0.015	460.00	-0.004	220.00	0.030
690.00	-0.014	450.00	-0.002	210.00	0.041
680.00	-0.013	440.00	-0.001	200.00	0.054
670.00	-0.013	430.00	0.000		

Sample Name: Sample 23 Rack 1 Tube 23

Collection Time 10/28/2019 2:38:02 PM

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

Wavelength (nm)	Abs
897.60	0.002
892.80	0.011
889.60	0.001
884.80	-0.002
874.40	-0.008

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.005	660.00	-0.012	420.00	0.025
890.00	-0.003	650.00	-0.011	410.00	0.030
880.00	-0.015	640.00	-0.010	400.00	0.036
870.00	-0.018	630.00	-0.009	390.00	0.044
860.00	-0.018	620.00	-0.009	380.00	0.053
850.00	-0.021	610.00	-0.009	370.00	0.062
840.00	-0.017	600.00	-0.010	360.00	0.075
830.00	-0.019	590.00	-0.008	350.00	0.089
820.00	-0.019	580.00	-0.005	340.00	0.106
810.00	-0.017	570.00	-0.010	330.00	0.121
800.00	-0.018	560.00	-0.007	320.00	0.138
790.00	-0.018	550.00	-0.006	310.00	0.157
780.00	-0.015	540.00	-0.004	300.00	0.174
770.00	-0.017	530.00	-0.002	290.00	0.203
760.00	-0.017	520.00	-0.001	280.00	0.230
750.00	-0.015	510.00	0.001	270.00	0.256
740.00	-0.014	500.00	0.002	260.00	0.278
730.00	-0.015	490.00	0.002	250.00	0.298
720.00	-0.014	480.00	0.004	240.00	0.329
710.00	-0.014	470.00	0.006	230.00	0.374
700.00	-0.013	460.00	0.009	220.00	0.449
690.00	-0.013	450.00	0.012	210.00	0.546
680.00	-0.012	440.00	0.016	200.00	0.612
670.00	-0.012	430.00	0.020		

Sample Name: Sample 24 Rack 1 Tube 24

Collection Time 10/28/2019 2:41:14 PM

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

Wavelength (nm)	Abs
893.60	0.009
888.80	-0.002
887.20	-0.001
884.80	-0.005
880.00	-0.010
874.40	-0.011

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.005	660.00	-0.012	420.00	0.003
890.00	-0.007	650.00	-0.012	410.00	0.004
880.00	-0.010	640.00	-0.011	400.00	0.006
870.00	-0.017	630.00	-0.011	390.00	0.007
860.00	-0.020	620.00	-0.010	380.00	0.009
850.00	-0.020	610.00	-0.012	370.00	0.010
840.00	-0.017	600.00	-0.013	360.00	0.013
830.00	-0.018	590.00	-0.010	350.00	0.015
820.00	-0.018	580.00	-0.007	340.00	0.023
810.00	-0.017	570.00	-0.012	330.00	0.027

800.00	-0.017	560.00	-0.011	320.00	0.027
790.00	-0.017	550.00	-0.009	310.00	0.036
780.00	-0.016	540.00	-0.009	300.00	0.036
770.00	-0.015	530.00	-0.008	290.00	0.041
760.00	-0.015	520.00	-0.007	280.00	0.044
750.00	-0.014	510.00	-0.006	270.00	0.050
740.00	-0.015	500.00	-0.005	260.00	0.054
730.00	-0.015	490.00	-0.004	250.00	0.056
720.00	-0.015	480.00	-0.003	240.00	0.061
710.00	-0.015	470.00	-0.002	230.00	0.068
700.00	-0.015	460.00	-0.002	220.00	0.083
690.00	-0.014	450.00	-0.001	210.00	0.109
680.00	-0.013	440.00	0.001	200.00	0.131
670.00	-0.012	430.00	0.001		

Sample Name: Sample 25 Rack 1 Tube 25

Collection Time 10/28/2019 2:44:26 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.000
896.00	0.011
892.00	0.000
888.80	-0.002
884.80	-0.006
879.20	-0.006

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.028	660.00	-0.012	420.00	0.022
890.00	-0.007	650.00	-0.012	410.00	0.027
880.00	-0.020	640.00	-0.011	400.00	0.033
870.00	-0.018	630.00	-0.010	390.00	0.039
860.00	-0.021	620.00	-0.010	380.00	0.048
850.00	-0.017	610.00	-0.010	370.00	0.056
840.00	-0.017	600.00	-0.011	360.00	0.069
830.00	-0.019	590.00	-0.008	350.00	0.078
820.00	-0.018	580.00	-0.005	340.00	0.096
810.00	-0.016	570.00	-0.010	330.00	0.110
800.00	-0.017	560.00	-0.008	320.00	0.126
790.00	-0.017	550.00	-0.007	310.00	0.148
780.00	-0.015	540.00	-0.005	300.00	0.167
770.00	-0.016	530.00	-0.004	290.00	0.192
760.00	-0.015	520.00	-0.003	280.00	0.219
750.00	-0.015	510.00	-0.001	270.00	0.242
740.00	-0.015	500.00	0.001	260.00	0.261
730.00	-0.015	490.00	0.002	250.00	0.284
720.00	-0.014	480.00	0.003	240.00	0.311
710.00	-0.014	470.00	0.005	230.00	0.357
700.00	-0.014	460.00	0.007	220.00	0.424
690.00	-0.013	450.00	0.010	210.00	0.515
680.00	-0.013	440.00	0.014	200.00	0.603
670.00	-0.012	430.00	0.018		

Sample Name: Sample 26 Rack 1 Tube 26

Collection Time 10/28/2019 2:47:39 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	0.005
896.80	0.004
895.20	0.007

892.80	0.008
880.00	-0.012
874.40	-0.007
345.60	0.104

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.013	660.00	-0.012	420.00	0.024
890.00	-0.009	650.00	-0.011	410.00	0.029
880.00	-0.012	640.00	-0.011	400.00	0.036
870.00	-0.017	630.00	-0.010	390.00	0.043
860.00	-0.022	620.00	-0.010	380.00	0.052
850.00	-0.020	610.00	-0.010	370.00	0.062
840.00	-0.019	600.00	-0.011	360.00	0.075
830.00	-0.019	590.00	-0.008	350.00	0.089
820.00	-0.019	580.00	-0.005	340.00	0.105
810.00	-0.018	570.00	-0.009	330.00	0.125
800.00	-0.018	560.00	-0.008	320.00	0.147
790.00	-0.018	550.00	-0.007	310.00	0.168
780.00	-0.017	540.00	-0.006	300.00	0.191
770.00	-0.016	530.00	-0.004	290.00	0.216
760.00	-0.017	520.00	-0.003	280.00	0.244
750.00	-0.016	510.00	-0.001	270.00	0.272
740.00	-0.015	500.00	0.000	260.00	0.296
730.00	-0.015	490.00	0.002	250.00	0.319
720.00	-0.014	480.00	0.004	240.00	0.352
710.00	-0.014	470.00	0.006	230.00	0.400
700.00	-0.014	460.00	0.008	220.00	0.463
690.00	-0.014	450.00	0.011	210.00	0.541
680.00	-0.012	440.00	0.015	200.00	0.610
670.00	-0.013	430.00	0.019		

Sample Name: Sample 27 Rack 1 Tube 27

Collection Time 10/28/2019 2:50:52 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
892.80	0.008
890.40	-0.007
884.80	-0.005
874.40	-0.008
347.20	0.047

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.005	660.00	-0.013	420.00	0.009
890.00	-0.011	650.00	-0.012	410.00	0.010
880.00	-0.016	640.00	-0.011	400.00	0.013
870.00	-0.019	630.00	-0.010	390.00	0.016
860.00	-0.018	620.00	-0.010	380.00	0.019
850.00	-0.021	610.00	-0.011	370.00	0.022
840.00	-0.018	600.00	-0.012	360.00	0.029
830.00	-0.020	590.00	-0.009	350.00	0.033
820.00	-0.020	580.00	-0.007	340.00	0.045
810.00	-0.018	570.00	-0.012	330.00	0.049
800.00	-0.019	560.00	-0.010	320.00	0.055
790.00	-0.019	550.00	-0.009	310.00	0.066
780.00	-0.017	540.00	-0.008	300.00	0.074
770.00	-0.017	530.00	-0.007	290.00	0.087
760.00	-0.018	520.00	-0.006	280.00	0.098
750.00	-0.017	510.00	-0.005	270.00	0.102
740.00	-0.016	500.00	-0.003	260.00	0.107
730.00	-0.015	490.00	-0.003	250.00	0.114
720.00	-0.015	480.00	-0.002	240.00	0.126
710.00	-0.015	470.00	-0.001	230.00	0.153
700.00	-0.014	460.00	0.001	220.00	0.221
690.00	-0.014	450.00	0.002	210.00	0.326

680.00	-0.013	440.00	0.005	200.00	0.392
670.00	-0.014	430.00	0.007		

Sample Name: Sample 28 Rack 1 Tube 28

Collection Time 10/28/2019 2:54:06 PM

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

Wavelength (nm)	Abs
899.20	-0.001
896.00	0.007
892.80	-0.001
884.00	-0.006
879.20	-0.011
874.40	-0.011
295.20	0.036

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.012	660.00	-0.012	420.00	0.002
890.00	-0.013	650.00	-0.012	410.00	0.004
880.00	-0.015	640.00	-0.011	400.00	0.004
870.00	-0.020	630.00	-0.011	390.00	0.005
860.00	-0.019	620.00	-0.010	380.00	0.006
850.00	-0.022	610.00	-0.011	370.00	0.007
840.00	-0.019	600.00	-0.012	360.00	0.009
830.00	-0.020	590.00	-0.009	350.00	0.008
820.00	-0.019	580.00	-0.006	340.00	0.023
810.00	-0.018	570.00	-0.012	330.00	0.025
800.00	-0.018	560.00	-0.010	320.00	0.027
790.00	-0.018	550.00	-0.009	310.00	0.030
780.00	-0.016	540.00	-0.009	300.00	0.029
770.00	-0.016	530.00	-0.007	290.00	0.032
760.00	-0.016	520.00	-0.006	280.00	0.030
750.00	-0.016	510.00	-0.006	270.00	0.028
740.00	-0.015	500.00	-0.005	260.00	0.026
730.00	-0.015	490.00	-0.005	250.00	0.025
720.00	-0.014	480.00	-0.004	240.00	0.024
710.00	-0.015	470.00	-0.003	230.00	0.028
700.00	-0.013	460.00	-0.003	220.00	0.035
690.00	-0.013	450.00	-0.002	210.00	0.046
680.00	-0.012	440.00	0.000	200.00	0.054
670.00	-0.012	430.00	0.001		

Sample Name: Sample 29 Rack 1 Tube 29

Collection Time 10/28/2019 2:57:19 PM

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

Wavelength (nm)	Abs
899.20	0.008
892.80	0.011
888.80	-0.004
874.40	-0.011

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.026	660.00	-0.011	420.00	0.012
890.00	-0.009	650.00	-0.011	410.00	0.015
880.00	-0.020	640.00	-0.010	400.00	0.018
870.00	-0.017	630.00	-0.010	390.00	0.022

860.00	-0.022	620.00	-0.010	380.00	0.027
850.00	-0.020	610.00	-0.010	370.00	0.032
840.00	-0.018	600.00	-0.012	360.00	0.038
830.00	-0.019	590.00	-0.008	350.00	0.044
820.00	-0.018	580.00	-0.006	340.00	0.058
810.00	-0.019	570.00	-0.011	330.00	0.066
800.00	-0.018	560.00	-0.009	320.00	0.078
790.00	-0.019	550.00	-0.007	310.00	0.085
780.00	-0.017	540.00	-0.007	300.00	0.100
770.00	-0.017	530.00	-0.005	290.00	0.113
760.00	-0.016	520.00	-0.004	280.00	0.125
750.00	-0.015	510.00	-0.003	270.00	0.140
740.00	-0.015	500.00	-0.002	260.00	0.151
730.00	-0.015	490.00	-0.002	250.00	0.161
720.00	-0.014	480.00	0.000	240.00	0.176
710.00	-0.014	470.00	0.001	230.00	0.200
700.00	-0.013	460.00	0.002	220.00	0.248
690.00	-0.012	450.00	0.004	210.00	0.311
680.00	-0.012	440.00	0.007	200.00	0.357
670.00	-0.012	430.00	0.009		

Sample Name: Sample 30 Rack 1 Tube 30

Collection Time 10/28/2019 3:00:31 PM

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

Wavelength (nm)	Abs
899.20	0.006
897.60	-0.005
896.00	0.005
892.00	0.004
890.40	0.001
872.00	-0.012
298.40	0.025

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.014	660.00	-0.011	420.00	0.001
890.00	-0.004	650.00	-0.011	410.00	0.002
880.00	-0.017	640.00	-0.012	400.00	0.004
870.00	-0.019	630.00	-0.011	390.00	0.004
860.00	-0.021	620.00	-0.010	380.00	0.005
850.00	-0.020	610.00	-0.012	370.00	0.006
840.00	-0.016	600.00	-0.012	360.00	0.007
830.00	-0.018	590.00	-0.010	350.00	0.006
820.00	-0.018	580.00	-0.008	340.00	0.010
810.00	-0.017	570.00	-0.012	330.00	0.016
800.00	-0.017	560.00	-0.011	320.00	0.018
790.00	-0.015	550.00	-0.010	310.00	0.017
780.00	-0.014	540.00	-0.009	300.00	0.020
770.00	-0.014	530.00	-0.008	290.00	0.020
760.00	-0.014	520.00	-0.008	280.00	0.021
750.00	-0.014	510.00	-0.008	270.00	0.017
740.00	-0.014	500.00	-0.006	260.00	0.013
730.00	-0.014	490.00	-0.006	250.00	0.015
720.00	-0.013	480.00	-0.004	240.00	0.014
710.00	-0.014	470.00	-0.004	230.00	0.015
700.00	-0.013	460.00	-0.003	220.00	0.017
690.00	-0.013	450.00	-0.002	210.00	0.022
680.00	-0.013	440.00	0.000	200.00	0.026
670.00	-0.012	430.00	0.000		

Sample Name: Sample 31 Rack 1 Tube 31

Collection Time 10/28/2019 3:03:43 PM

Peak Table
Peak Style Peaks
Peak Threshold 0.0100

Range 900.00nm to 200.00nm

Wavelength (nm)	Abs
892.80	0.016
888.80	-0.005
884.80	-0.004
872.80	-0.010

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.009	660.00	-0.011	420.00	0.014
890.00	-0.011	650.00	-0.011	410.00	0.017
880.00	-0.012	640.00	-0.010	400.00	0.021
870.00	-0.018	630.00	-0.009	390.00	0.025
860.00	-0.018	620.00	-0.009	380.00	0.030
850.00	-0.018	610.00	-0.010	370.00	0.035
840.00	-0.017	600.00	-0.012	360.00	0.043
830.00	-0.017	590.00	-0.008	350.00	0.050
820.00	-0.017	580.00	-0.006	340.00	0.065
810.00	-0.016	570.00	-0.010	330.00	0.073
800.00	-0.017	560.00	-0.010	320.00	0.085
790.00	-0.016	550.00	-0.007	310.00	0.096
780.00	-0.015	540.00	-0.007	300.00	0.109
770.00	-0.015	530.00	-0.005	290.00	0.122
760.00	-0.015	520.00	-0.004	280.00	0.137
750.00	-0.014	510.00	-0.003	270.00	0.152
740.00	-0.014	500.00	-0.002	260.00	0.165
730.00	-0.014	490.00	-0.002	250.00	0.178
720.00	-0.014	480.00	0.000	240.00	0.193
710.00	-0.014	470.00	0.002	230.00	0.223
700.00	-0.013	460.00	0.003	220.00	0.280
690.00	-0.013	450.00	0.005	210.00	0.345
680.00	-0.012	440.00	0.008	200.00	0.392
670.00	-0.012	430.00	0.010		

Sample Name: Sample 32 Rack 1 Tube 32

Collection Time 10/28/2019 3:06:55 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
894.40	0.008
892.80	0.015
890.40	0.002
886.40	0.004
880.80	-0.006
874.40	-0.006
202.40	1.902

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.017	660.00	-0.002	420.00	0.117
890.00	-0.005	650.00	0.000	410.00	0.135
880.00	-0.007	640.00	0.002	400.00	0.158
870.00	-0.012	630.00	0.004	390.00	0.184
860.00	-0.018	620.00	0.006	380.00	0.216
850.00	-0.017	610.00	0.006	370.00	0.252
840.00	-0.017	600.00	0.007	360.00	0.296
830.00	-0.016	590.00	0.012	350.00	0.340
820.00	-0.016	580.00	0.016	340.00	0.397
810.00	-0.013	570.00	0.014	330.00	0.456
800.00	-0.014	560.00	0.017	320.00	0.519
790.00	-0.013	550.00	0.021	310.00	0.584
780.00	-0.011	540.00	0.024	300.00	0.650
770.00	-0.013	530.00	0.028	290.00	0.738
760.00	-0.012	520.00	0.033	280.00	0.820
750.00	-0.011	510.00	0.037	270.00	0.904

740.00	-0.010	500.00	0.042	260.00	0.978
730.00	-0.010	490.00	0.047	250.00	1.063
720.00	-0.009	480.00	0.053	240.00	1.181
710.00	-0.008	470.00	0.060	230.00	1.336
700.00	-0.007	460.00	0.067	220.00	1.531
690.00	-0.006	450.00	0.076	210.00	1.764
680.00	-0.005	440.00	0.088	200.00	1.836
670.00	-0.003	430.00	0.101		

Sample Name: Sample 33 Rack 1 Tube 33

Collection Time 10/28/2019 3:10:06 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.009
892.80	0.010
890.40	0.000
888.80	0.007
884.80	-0.009
880.80	-0.012
874.40	-0.010

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.018	660.00	-0.013	420.00	0.006
890.00	-0.010	650.00	-0.012	410.00	0.007
880.00	-0.016	640.00	-0.012	400.00	0.009
870.00	-0.015	630.00	-0.011	390.00	0.011
860.00	-0.020	620.00	-0.011	380.00	0.014
850.00	-0.020	610.00	-0.012	370.00	0.017
840.00	-0.018	600.00	-0.013	360.00	0.023
830.00	-0.020	590.00	-0.009	350.00	0.025
820.00	-0.021	580.00	-0.007	340.00	0.033
810.00	-0.018	570.00	-0.012	330.00	0.039
800.00	-0.019	560.00	-0.011	320.00	0.046
790.00	-0.018	550.00	-0.009	310.00	0.051
780.00	-0.018	540.00	-0.009	300.00	0.055
770.00	-0.017	530.00	-0.007	290.00	0.061
760.00	-0.015	520.00	-0.006	280.00	0.064
750.00	-0.015	510.00	-0.006	270.00	0.070
740.00	-0.015	500.00	-0.004	260.00	0.070
730.00	-0.015	490.00	-0.005	250.00	0.075
720.00	-0.015	480.00	-0.004	240.00	0.082
710.00	-0.015	470.00	-0.002	230.00	0.093
700.00	-0.014	460.00	-0.002	220.00	0.111
690.00	-0.014	450.00	0.000	210.00	0.142
680.00	-0.014	440.00	0.003	200.00	0.158
670.00	-0.013	430.00	0.003		

Sample Name: Sample 34 Rack 1 Tube 34

Collection Time 10/28/2019 3:13:18 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.004
892.80	0.004
890.40	-0.001
884.00	-0.005
880.80	-0.011
874.40	-0.013

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.018	660.00	-0.012	420.00	0.013
890.00	-0.006	650.00	-0.011	410.00	0.016
880.00	-0.014	640.00	-0.011	400.00	0.020
870.00	-0.018	630.00	-0.011	390.00	0.024
860.00	-0.018	620.00	-0.010	380.00	0.030
850.00	-0.020	610.00	-0.011	370.00	0.035
840.00	-0.017	600.00	-0.013	360.00	0.043
830.00	-0.019	590.00	-0.009	350.00	0.051
820.00	-0.018	580.00	-0.007	340.00	0.063
810.00	-0.017	570.00	-0.012	330.00	0.075
800.00	-0.019	560.00	-0.010	320.00	0.087
790.00	-0.018	550.00	-0.008	310.00	0.100
780.00	-0.016	540.00	-0.008	300.00	0.111
770.00	-0.016	530.00	-0.005	290.00	0.131
760.00	-0.017	520.00	-0.004	280.00	0.147
750.00	-0.016	510.00	-0.003	270.00	0.162
740.00	-0.014	500.00	-0.002	260.00	0.176
730.00	-0.015	490.00	-0.002	250.00	0.189
720.00	-0.015	480.00	-0.001	240.00	0.206
710.00	-0.015	470.00	0.001	230.00	0.241
700.00	-0.015	460.00	0.002	220.00	0.303
690.00	-0.014	450.00	0.004	210.00	0.392
680.00	-0.013	440.00	0.008	200.00	0.450
670.00	-0.013	430.00	0.010		

Sample Name: Sample 35 Rack 1 Tube 35

Collection Time 10/28/2019 3:16:29 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.004
892.80	0.018
890.40	-0.003
874.40	-0.005

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.028	660.00	-0.012	420.00	0.023
890.00	-0.003	650.00	-0.011	410.00	0.028
880.00	-0.010	640.00	-0.011	400.00	0.034
870.00	-0.016	630.00	-0.010	390.00	0.038
860.00	-0.021	620.00	-0.009	380.00	0.048
850.00	-0.020	610.00	-0.010	370.00	0.057
840.00	-0.016	600.00	-0.011	360.00	0.069
830.00	-0.020	590.00	-0.007	350.00	0.082
820.00	-0.018	580.00	-0.005	340.00	0.104
810.00	-0.017	570.00	-0.010	330.00	0.118
800.00	-0.016	560.00	-0.008	320.00	0.136
790.00	-0.017	550.00	-0.007	310.00	0.158
780.00	-0.015	540.00	-0.006	300.00	0.178
770.00	-0.016	530.00	-0.004	290.00	0.203
760.00	-0.016	520.00	-0.003	280.00	0.228
750.00	-0.015	510.00	-0.002	270.00	0.252
740.00	-0.015	500.00	0.001	260.00	0.272
730.00	-0.014	490.00	0.001	250.00	0.294
720.00	-0.014	480.00	0.003	240.00	0.324
710.00	-0.015	470.00	0.005	230.00	0.367
700.00	-0.014	460.00	0.007	220.00	0.421
690.00	-0.014	450.00	0.010	210.00	0.491
680.00	-0.013	440.00	0.014	200.00	0.545
670.00	-0.012	430.00	0.018		

Sample Name: Sample 36 Rack 1 Tube 36

Collection Time 10/28/2019 3:19:41 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.00	0.010
892.80	0.010
874.40	-0.006
347.20	0.026

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.019	660.00	-0.014	420.00	0.002
890.00	-0.008	650.00	-0.013	410.00	0.002
880.00	-0.016	640.00	-0.012	400.00	0.004
870.00	-0.017	630.00	-0.012	390.00	0.005
860.00	-0.019	620.00	-0.011	380.00	0.006
850.00	-0.021	610.00	-0.012	370.00	0.007
840.00	-0.017	600.00	-0.014	360.00	0.010
830.00	-0.020	590.00	-0.010	350.00	0.012
820.00	-0.020	580.00	-0.008	340.00	0.020
810.00	-0.019	570.00	-0.014	330.00	0.025
800.00	-0.017	560.00	-0.012	320.00	0.027
790.00	-0.019	550.00	-0.011	310.00	0.034
780.00	-0.018	540.00	-0.010	300.00	0.033
770.00	-0.018	530.00	-0.009	290.00	0.037
760.00	-0.018	520.00	-0.009	280.00	0.038
750.00	-0.016	510.00	-0.007	270.00	0.038
740.00	-0.016	500.00	-0.007	260.00	0.036
730.00	-0.016	490.00	-0.006	250.00	0.034
720.00	-0.016	480.00	-0.005	240.00	0.036
710.00	-0.016	470.00	-0.004	230.00	0.038
700.00	-0.015	460.00	-0.004	220.00	0.048
690.00	-0.015	450.00	-0.003	210.00	0.056
680.00	-0.014	440.00	-0.001	200.00	0.068
670.00	-0.014	430.00	0.000		

Sample Name: Sample 37 Rack 1 Tube 37

Collection Time

10/28/2019 3:22:53 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	0.013
895.20	-0.002
892.80	0.009
874.40	-0.006
329.60	0.025
298.40	0.028

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.013	660.00	-0.013	420.00	0.000
890.00	-0.013	650.00	-0.012	410.00	0.000
880.00	-0.014	640.00	-0.012	400.00	0.002
870.00	-0.018	630.00	-0.011	390.00	0.003
860.00	-0.022	620.00	-0.011	380.00	0.004
850.00	-0.020	610.00	-0.012	370.00	0.004
840.00	-0.016	600.00	-0.014	360.00	0.006
830.00	-0.019	590.00	-0.010	350.00	0.008
820.00	-0.018	580.00	-0.008	340.00	0.013
810.00	-0.018	570.00	-0.013	330.00	0.022
800.00	-0.016	560.00	-0.011	320.00	0.019
790.00	-0.017	550.00	-0.010	310.00	0.024

780.00	-0.015	540.00	-0.010	300.00	0.022
770.00	-0.016	530.00	-0.008	290.00	0.025
760.00	-0.016	520.00	-0.007	280.00	0.022
750.00	-0.015	510.00	-0.007	270.00	0.021
740.00	-0.015	500.00	-0.006	260.00	0.020
730.00	-0.015	490.00	-0.006	250.00	0.019
720.00	-0.014	480.00	-0.006	240.00	0.015
710.00	-0.014	470.00	-0.005	230.00	0.019
700.00	-0.014	460.00	-0.005	220.00	0.030
690.00	-0.014	450.00	-0.004	210.00	0.051
680.00	-0.014	440.00	-0.002	200.00	0.060
670.00	-0.013	430.00	-0.002		

Sample Name: Sample 38 Rack 1 Tube 38

Collection Time 10/28/2019 3:26:04 PM

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

Wavelength (nm)	Abs
892.80	0.002
890.40	-0.002
880.80	-0.010

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.010	660.00	-0.012	420.00	0.009
890.00	-0.006	650.00	-0.011	410.00	0.011
880.00	-0.015	640.00	-0.011	400.00	0.014
870.00	-0.018	630.00	-0.010	390.00	0.017
860.00	-0.023	620.00	-0.009	380.00	0.021
850.00	-0.020	610.00	-0.011	370.00	0.025
840.00	-0.017	600.00	-0.013	360.00	0.030
830.00	-0.020	590.00	-0.010	350.00	0.034
820.00	-0.019	580.00	-0.007	340.00	0.045
810.00	-0.018	570.00	-0.012	330.00	0.054
800.00	-0.018	560.00	-0.010	320.00	0.062
790.00	-0.018	550.00	-0.008	310.00	0.073
780.00	-0.017	540.00	-0.009	300.00	0.084
770.00	-0.017	530.00	-0.007	290.00	0.094
760.00	-0.017	520.00	-0.006	280.00	0.107
750.00	-0.015	510.00	-0.005	270.00	0.115
740.00	-0.016	500.00	-0.004	260.00	0.123
730.00	-0.015	490.00	-0.004	250.00	0.133
720.00	-0.013	480.00	-0.002	240.00	0.146
710.00	-0.013	470.00	-0.002	230.00	0.184
700.00	-0.012	460.00	0.000	220.00	0.290
690.00	-0.012	450.00	0.003	210.00	0.457
680.00	-0.011	440.00	0.005	200.00	0.545
670.00	-0.012	430.00	0.007		

Sample Name: Sample 39 Rack 1 Tube 39

Collection Time 10/28/2019 3:29:17 PM

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

Wavelength (nm)	Abs
895.20	0.000
888.80	-0.005
886.40	-0.004
884.80	-0.008
880.00	-0.006

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.010	660.00	-0.013	420.00	0.005
890.00	-0.007	650.00	-0.013	410.00	0.007
880.00	-0.006	640.00	-0.012	400.00	0.010
870.00	-0.018	630.00	-0.011	390.00	0.012
860.00	-0.018	620.00	-0.011	380.00	0.014
850.00	-0.021	610.00	-0.012	370.00	0.016
840.00	-0.018	600.00	-0.014	360.00	0.021
830.00	-0.020	590.00	-0.010	350.00	0.024
820.00	-0.018	580.00	-0.007	340.00	0.033
810.00	-0.019	570.00	-0.012	330.00	0.038
800.00	-0.018	560.00	-0.010	320.00	0.047
790.00	-0.019	550.00	-0.009	310.00	0.054
780.00	-0.017	540.00	-0.009	300.00	0.058
770.00	-0.017	530.00	-0.007	290.00	0.066
760.00	-0.017	520.00	-0.007	280.00	0.073
750.00	-0.016	510.00	-0.006	270.00	0.077
740.00	-0.016	500.00	-0.005	260.00	0.080
730.00	-0.015	490.00	-0.004	250.00	0.085
720.00	-0.015	480.00	-0.004	240.00	0.091
710.00	-0.015	470.00	-0.003	230.00	0.101
700.00	-0.015	460.00	-0.002	220.00	0.121
690.00	-0.014	450.00	0.000	210.00	0.149
680.00	-0.014	440.00	0.002	200.00	0.165
670.00	-0.014	430.00	0.003		

Sample Name: Sample 40 Rack 1 Tube 40

Collection Time 10/28/2019 3:32:29 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	0.010
896.00	0.000
888.80	-0.003
880.80	-0.011
874.40	-0.010
295.20	0.023

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.014	660.00	-0.013	420.00	0.000
890.00	-0.015	650.00	-0.012	410.00	0.000
880.00	-0.018	640.00	-0.012	400.00	0.001
870.00	-0.016	630.00	-0.011	390.00	0.001
860.00	-0.021	620.00	-0.011	380.00	0.001
850.00	-0.019	610.00	-0.013	370.00	0.003
840.00	-0.015	600.00	-0.014	360.00	0.006
830.00	-0.019	590.00	-0.010	350.00	0.005
820.00	-0.020	580.00	-0.008	340.00	0.017
810.00	-0.017	570.00	-0.014	330.00	0.016
800.00	-0.017	560.00	-0.012	320.00	0.018
790.00	-0.018	550.00	-0.010	310.00	0.019
780.00	-0.016	540.00	-0.010	300.00	0.019
770.00	-0.016	530.00	-0.009	290.00	0.020
760.00	-0.016	520.00	-0.008	280.00	0.019
750.00	-0.015	510.00	-0.007	270.00	0.017
740.00	-0.015	500.00	-0.007	260.00	0.013
730.00	-0.016	490.00	-0.007	250.00	0.012
720.00	-0.014	480.00	-0.005	240.00	0.010
710.00	-0.016	470.00	-0.006	230.00	0.009
700.00	-0.015	460.00	-0.005	220.00	0.012
690.00	-0.014	450.00	-0.003	210.00	0.016
680.00	-0.014	440.00	-0.001	200.00	0.021
670.00	-0.013	430.00	-0.001		

Sample Name: Sample 41 Rack 1 Tube 41

Collection Time 10/28/2019 3:35:41 PM

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

Wavelength (nm)	Abs
892.80	0.004
888.80	-0.003
874.40	-0.010

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.008	660.00	-0.012	420.00	0.008
890.00	-0.009	650.00	-0.011	410.00	0.011
880.00	-0.017	640.00	-0.011	400.00	0.015
870.00	-0.019	630.00	-0.010	390.00	0.018
860.00	-0.020	620.00	-0.010	380.00	0.022
850.00	-0.020	610.00	-0.011	370.00	0.026
840.00	-0.017	600.00	-0.013	360.00	0.031
830.00	-0.018	590.00	-0.009	350.00	0.038
820.00	-0.018	580.00	-0.007	340.00	0.050
810.00	-0.016	570.00	-0.012	330.00	0.057
800.00	-0.017	560.00	-0.010	320.00	0.061
790.00	-0.017	550.00	-0.008	310.00	0.074
780.00	-0.015	540.00	-0.007	300.00	0.079
770.00	-0.017	530.00	-0.007	290.00	0.091
760.00	-0.015	520.00	-0.006	280.00	0.102
750.00	-0.015	510.00	-0.005	270.00	0.111
740.00	-0.015	500.00	-0.005	260.00	0.117
730.00	-0.014	490.00	-0.004	250.00	0.123
720.00	-0.014	480.00	-0.002	240.00	0.132
710.00	-0.014	470.00	-0.001	230.00	0.148
700.00	-0.014	460.00	0.000	220.00	0.179
690.00	-0.013	450.00	0.002	210.00	0.224
680.00	-0.012	440.00	0.005	200.00	0.253
670.00	-0.012	430.00	0.006		

Sample Name: Sample 42 Rack 1 Tube 42

Collection Time 10/28/2019 3:38:53 PM

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

Wavelength (nm)	Abs
899.20	0.007
895.20	0.011
893.60	0.018
888.80	0.002
871.20	-0.007

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.006	660.00	-0.011	420.00	0.008
890.00	-0.009	650.00	-0.010	410.00	0.010
880.00	-0.016	640.00	-0.010	400.00	0.012
870.00	-0.017	630.00	-0.009	390.00	0.014
860.00	-0.018	620.00	-0.009	380.00	0.017
850.00	-0.019	610.00	-0.010	370.00	0.020
840.00	-0.016	600.00	-0.011	360.00	0.026
830.00	-0.020	590.00	-0.008	350.00	0.032
820.00	-0.021	580.00	-0.005	340.00	0.042
810.00	-0.018	570.00	-0.010	330.00	0.045
800.00	-0.018	560.00	-0.009	320.00	0.051
790.00	-0.018	550.00	-0.007	310.00	0.063
780.00	-0.015	540.00	-0.007	300.00	0.067

770.00	-0.015	530.00	-0.006	290.00	0.073
760.00	-0.017	520.00	-0.005	280.00	0.079
750.00	-0.015	510.00	-0.005	270.00	0.087
740.00	-0.013	500.00	-0.003	260.00	0.093
730.00	-0.014	490.00	-0.004	250.00	0.096
720.00	-0.013	480.00	-0.002	240.00	0.104
710.00	-0.012	470.00	-0.001	230.00	0.118
700.00	-0.013	460.00	-0.001	220.00	0.146
690.00	-0.011	450.00	0.002	210.00	0.186
680.00	-0.011	440.00	0.004	200.00	0.211
670.00	-0.011	430.00	0.006		

Sample Name: Sample 43 Rack 1 Tube 43

Collection Time 10/28/2019 3:42:06 PM

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

Wavelength (nm)	Abs
896.00	0.003
892.80	0.010
884.80	-0.008
874.40	-0.008
337.60	0.037

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.004	660.00	-0.012	420.00	0.004
890.00	-0.006	650.00	-0.012	410.00	0.006
880.00	-0.014	640.00	-0.011	400.00	0.007
870.00	-0.017	630.00	-0.011	390.00	0.008
860.00	-0.018	620.00	-0.010	380.00	0.010
850.00	-0.018	610.00	-0.012	370.00	0.012
840.00	-0.017	600.00	-0.013	360.00	0.017
830.00	-0.018	590.00	-0.009	350.00	0.019
820.00	-0.017	580.00	-0.007	340.00	0.030
810.00	-0.016	570.00	-0.012	330.00	0.037
800.00	-0.016	560.00	-0.011	320.00	0.041
790.00	-0.016	550.00	-0.010	310.00	0.048
780.00	-0.015	540.00	-0.009	300.00	0.050
770.00	-0.015	530.00	-0.008	290.00	0.056
760.00	-0.015	520.00	-0.007	280.00	0.060
750.00	-0.016	510.00	-0.007	270.00	0.063
740.00	-0.015	500.00	-0.006	260.00	0.064
730.00	-0.015	490.00	-0.005	250.00	0.065
720.00	-0.014	480.00	-0.004	240.00	0.070
710.00	-0.014	470.00	-0.003	230.00	0.083
700.00	-0.014	460.00	-0.002	220.00	0.111
690.00	-0.013	450.00	-0.001	210.00	0.153
680.00	-0.013	440.00	0.001	200.00	0.180
670.00	-0.012	430.00	0.002		

Sample Name: Sample 44 Rack 1 Tube 44

Collection Time 10/28/2019 3:45:18 PM

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

Wavelength (nm)	Abs
895.20	0.005
888.80	-0.001
884.00	-0.008
879.20	-0.010
872.00	-0.007
347.20	0.032

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.008	660.00	-0.011	420.00	0.004
890.00	-0.008	650.00	-0.011	410.00	0.006
880.00	-0.010	640.00	-0.011	400.00	0.007
870.00	-0.019	630.00	-0.010	390.00	0.009
860.00	-0.018	620.00	-0.010	380.00	0.011
850.00	-0.020	610.00	-0.011	370.00	0.013
840.00	-0.018	600.00	-0.012	360.00	0.017
830.00	-0.018	590.00	-0.009	350.00	0.017
820.00	-0.019	580.00	-0.006	340.00	0.030
810.00	-0.015	570.00	-0.012	330.00	0.027
800.00	-0.017	560.00	-0.010	320.00	0.031
790.00	-0.017	550.00	-0.009	310.00	0.037
780.00	-0.015	540.00	-0.008	300.00	0.038
770.00	-0.015	530.00	-0.007	290.00	0.042
760.00	-0.014	520.00	-0.006	280.00	0.042
750.00	-0.014	510.00	-0.005	270.00	0.047
740.00	-0.015	500.00	-0.005	260.00	0.047
730.00	-0.014	490.00	-0.005	250.00	0.049
720.00	-0.014	480.00	-0.004	240.00	0.050
710.00	-0.014	470.00	-0.004	230.00	0.057
700.00	-0.014	460.00	-0.003	220.00	0.070
690.00	-0.014	450.00	-0.001	210.00	0.084
680.00	-0.013	440.00	0.002	200.00	0.098
670.00	-0.013	430.00	0.002		

Sample Name: Sample 45 Rack 1 Tube 45

Collection Time

10/28/2019 3:48:32 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.003
892.80	0.010
884.80	-0.005
872.80	-0.008

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.011	420.00	0.013
890.00	-0.004	650.00	-0.011	410.00	0.016
880.00	-0.010	640.00	-0.011	400.00	0.020
870.00	-0.015	630.00	-0.010	390.00	0.024
860.00	-0.020	620.00	-0.009	380.00	0.030
850.00	-0.020	610.00	-0.010	370.00	0.036
840.00	-0.016	600.00	-0.012	360.00	0.044
830.00	-0.018	590.00	-0.008	350.00	0.053
820.00	-0.016	580.00	-0.006	340.00	0.067
810.00	-0.016	570.00	-0.011	330.00	0.078
800.00	-0.017	560.00	-0.010	320.00	0.091
790.00	-0.016	550.00	-0.008	310.00	0.111
780.00	-0.016	540.00	-0.007	300.00	0.125
770.00	-0.016	530.00	-0.006	290.00	0.143
760.00	-0.015	520.00	-0.005	280.00	0.164
750.00	-0.014	510.00	-0.004	270.00	0.179
740.00	-0.014	500.00	-0.003	260.00	0.195
730.00	-0.014	490.00	-0.002	250.00	0.214
720.00	-0.014	480.00	-0.001	240.00	0.240
710.00	-0.013	470.00	0.001	230.00	0.280
700.00	-0.014	460.00	0.002	220.00	0.346
690.00	-0.014	450.00	0.005	210.00	0.435
680.00	-0.013	440.00	0.008	200.00	0.530
670.00	-0.013	430.00	0.009		

Sample Name: Sample 46 Rack 1 Tube 46

Collection Time 10/28/2019 3:51:43 PM

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

Wavelength (nm)	Abs
899.20	0.017
896.00	0.009
893.60	0.012
886.40	-0.003
880.80	-0.007
874.40	-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	-0.006	420.00	0.058
890.00	-0.004	650.00	-0.005	410.00	0.067
880.00	-0.012	640.00	-0.004	400.00	0.078
870.00	-0.017	630.00	-0.003	390.00	0.092
860.00	-0.018	620.00	-0.002	380.00	0.107
850.00	-0.018	610.00	-0.002	370.00	0.126
840.00	-0.016	600.00	-0.003	360.00	0.149
830.00	-0.019	590.00	0.001	350.00	0.170
820.00	-0.018	580.00	0.005	340.00	0.199
810.00	-0.017	570.00	0.000	330.00	0.230
800.00	-0.015	560.00	0.003	320.00	0.259
790.00	-0.016	550.00	0.006	310.00	0.296
780.00	-0.015	540.00	0.008	300.00	0.336
770.00	-0.014	530.00	0.010	290.00	0.373
760.00	-0.014	520.00	0.013	280.00	0.415
750.00	-0.013	510.00	0.015	270.00	0.452
740.00	-0.013	500.00	0.018	260.00	0.492
730.00	-0.012	490.00	0.020	250.00	0.529
720.00	-0.012	480.00	0.024	240.00	0.584
710.00	-0.011	470.00	0.028	230.00	0.664
700.00	-0.010	460.00	0.031	220.00	0.763
690.00	-0.009	450.00	0.037	210.00	0.883
680.00	-0.008	440.00	0.043	200.00	0.947
670.00	-0.007	430.00	0.049		

Sample Name: Sample 47 Rack 1 Tube 47

Collection Time 10/28/2019 3:54:55 PM

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

Wavelength (nm)	Abs
896.00	0.008
890.40	0.000
879.20	-0.010
874.40	-0.008
347.20	0.016
331.20	0.020
310.40	0.024

X-Y Pairs Table
 Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.007	660.00	-0.012	420.00	-0.002
890.00	-0.002	650.00	-0.012	410.00	0.000
880.00	-0.016	640.00	-0.012	400.00	0.001
870.00	-0.017	630.00	-0.011	390.00	0.001
860.00	-0.022	620.00	-0.011	380.00	0.002
850.00	-0.020	610.00	-0.013	370.00	0.002
840.00	-0.017	600.00	-0.013	360.00	0.004
830.00	-0.020	590.00	-0.009	350.00	0.003

820.00	-0.020	580.00	-0.007	340.00	0.015
810.00	-0.018	570.00	-0.013	330.00	0.014
800.00	-0.018	560.00	-0.012	320.00	0.016
790.00	-0.016	550.00	-0.010	310.00	0.021
780.00	-0.016	540.00	-0.010	300.00	0.018
770.00	-0.016	530.00	-0.008	290.00	0.020
760.00	-0.015	520.00	-0.008	280.00	0.015
750.00	-0.014	510.00	-0.008	270.00	0.015
740.00	-0.014	500.00	-0.008	260.00	0.015
730.00	-0.015	490.00	-0.007	250.00	0.016
720.00	-0.014	480.00	-0.006	240.00	0.016
710.00	-0.014	470.00	-0.006	230.00	0.013
700.00	-0.014	460.00	-0.006	220.00	0.019
690.00	-0.013	450.00	-0.005	210.00	0.022
680.00	-0.013	440.00	-0.003	200.00	0.027
670.00	-0.013	430.00	-0.002		