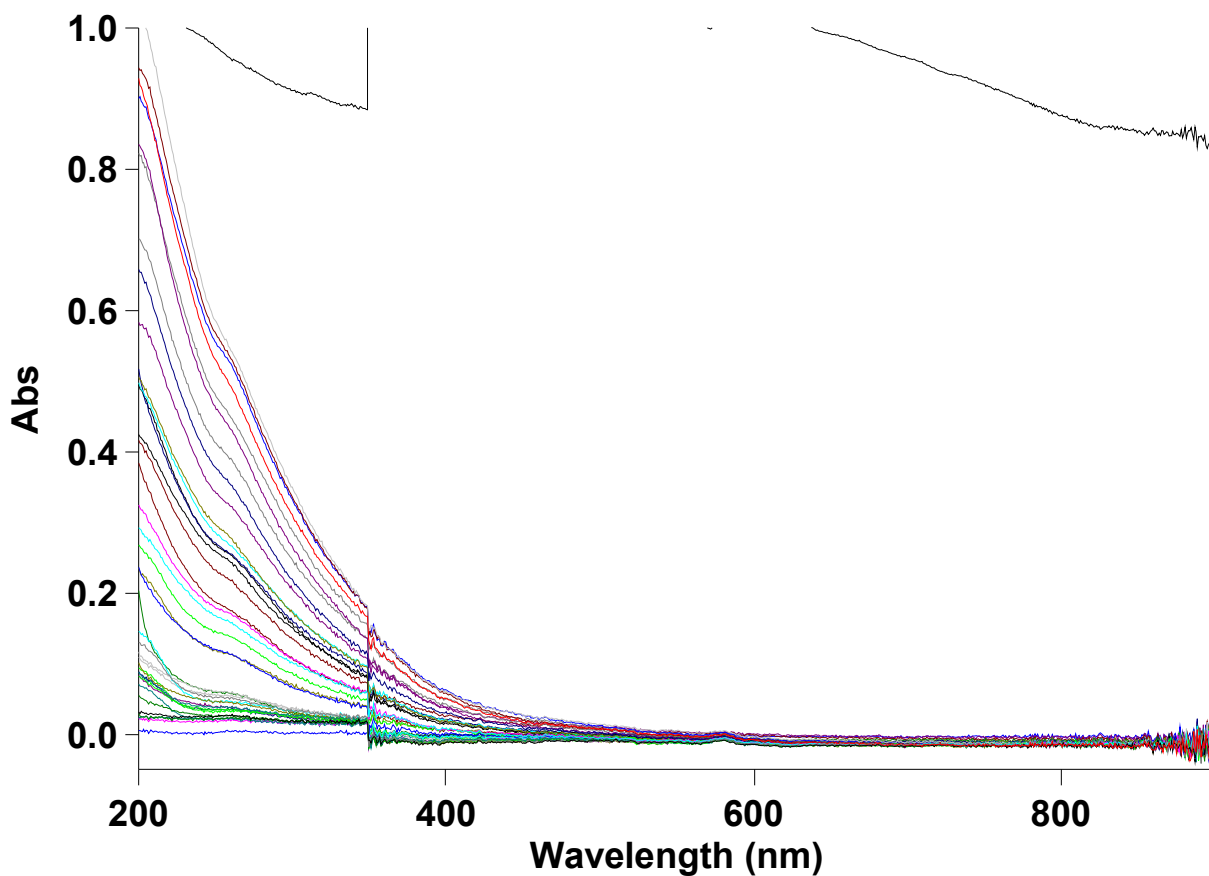


NIVA



Scan Analysis Report

Report Time : Wed 30 Oct 03:32:52 PM 2019
Method: H:\1000 sjøer UV-spek\UV-scan MED SAMPLER 1000 sjoer.MSW
Batch: H:\1000 sjøer UV-spek\191030\191030_run.DSW
Software version: 4.20(468)
Operator: SIJ

Zero Report

Read	Abs(900.00)
Zero	0.8265

Sample Name: Baseline 100%T

Collection Time 10/30/2019 3:29:09 PM

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

Wavelength (nm)	Abs
891.20	0.848
887.20	0.860
884.80	0.859

880.80	0.860
860.00	0.858
592.00	1.099
368.00	1.370
349.60	1.392

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	0.858	660.00	0.987	420.00	1.311
890.00	0.846	650.00	0.992	410.00	1.326
880.00	0.850	640.00	0.998	400.00	1.324
870.00	0.850	630.00	1.021	390.00	1.339
860.00	0.858	620.00	1.062	380.00	1.358
850.00	0.853	610.00	1.082	370.00	1.368
840.00	0.858	600.00	1.087	360.00	1.348
830.00	0.860	590.00	1.098	350.00	1.388
820.00	0.863	580.00	1.040	340.00	0.888
810.00	0.869	570.00	1.000	330.00	0.893
800.00	0.876	560.00	1.041	320.00	0.901
790.00	0.885	550.00	1.082	310.00	0.908
780.00	0.892	540.00	1.117	300.00	0.911
770.00	0.902	530.00	1.146	290.00	0.920
760.00	0.912	520.00	1.166	280.00	0.933
750.00	0.920	510.00	1.174	270.00	0.944
740.00	0.927	500.00	1.184	260.00	0.956
730.00	0.933	490.00	1.199	250.00	0.973
720.00	0.940	480.00	1.214	240.00	0.989
710.00	0.951	470.00	1.228	230.00	1.002
700.00	0.957	460.00	1.245	220.00	1.019
690.00	0.964	450.00	1.260	210.00	1.034
680.00	0.971	440.00	1.274	200.00	1.060
670.00	0.980	430.00	1.289		

Sample Name: Sample 1 Rack 1 Tube 1

Collection Time

10/30/2019 3:34:10 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	0.014
896.00	0.012
894.40	0.014
888.80	0.021
886.40	0.008
884.00	0.003
877.60	0.012
863.20	0.001
856.80	0.006
352.80	0.008
350.40	0.007

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.030	660.00	-0.003	420.00	0.002
890.00	-0.005	650.00	-0.002	410.00	0.000
880.00	-0.002	640.00	-0.002	400.00	0.002
870.00	-0.003	630.00	-0.002	390.00	0.000
860.00	-0.009	620.00	-0.001	380.00	-0.001
850.00	-0.002	610.00	-0.001	370.00	0.001
840.00	-0.003	600.00	-0.001	360.00	0.003
830.00	-0.001	590.00	0.000	350.00	0.001
820.00	-0.002	580.00	0.001	340.00	0.003
810.00	-0.002	570.00	0.001	330.00	0.004
800.00	-0.001	560.00	-0.001	320.00	0.002
790.00	-0.002	550.00	0.002	310.00	0.004
780.00	0.001	540.00	-0.001	300.00	0.003
770.00	-0.001	530.00	0.001	290.00	0.004

760.00	-0.003	520.00	0.002	280.00	0.004
750.00	-0.003	510.00	0.003	270.00	0.006
740.00	0.000	500.00	0.004	260.00	0.005
730.00	-0.002	490.00	0.001	250.00	0.003
720.00	-0.001	480.00	0.001	240.00	0.003
710.00	-0.003	470.00	0.002	230.00	0.003
700.00	-0.003	460.00	0.001	220.00	0.004
690.00	-0.003	450.00	0.001	210.00	0.005
680.00	-0.001	440.00	0.000	200.00	0.006
670.00	-0.002	430.00	0.000		

Sample Name: Sample 2 Rack 1 Tube 2

Collection Time 10/30/2019 3:37:23 PM

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

Wavelength (nm)	Abs
898.40	0.033
892.80	0.014
890.40	0.010
888.80	0.015
886.40	0.006
882.40	0.001
880.00	0.004
872.00	0.004
863.20	0.003
854.40	0.003

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.035	660.00	-0.003	420.00	0.029
890.00	0.000	650.00	-0.001	410.00	0.033
880.00	0.004	640.00	0.000	400.00	0.039
870.00	-0.001	630.00	-0.001	390.00	0.049
860.00	-0.013	620.00	0.000	380.00	0.055
850.00	-0.002	610.00	0.001	370.00	0.071
840.00	-0.006	600.00	0.002	360.00	0.091
830.00	-0.003	590.00	0.003	350.00	0.100
820.00	-0.004	580.00	0.004	340.00	0.123
810.00	-0.004	570.00	0.004	330.00	0.138
800.00	-0.003	560.00	0.003	320.00	0.159
790.00	-0.002	550.00	0.006	310.00	0.184
780.00	-0.003	540.00	0.006	300.00	0.206
770.00	-0.002	530.00	0.008	290.00	0.234
760.00	-0.003	520.00	0.009	280.00	0.263
750.00	-0.003	510.00	0.012	270.00	0.298
740.00	-0.003	500.00	0.013	260.00	0.323
730.00	-0.003	490.00	0.013	250.00	0.343
720.00	-0.001	480.00	0.014	240.00	0.379
710.00	-0.002	470.00	0.016	230.00	0.431
700.00	-0.001	460.00	0.016	220.00	0.486
690.00	-0.003	450.00	0.017	210.00	0.548
680.00	0.000	440.00	0.022	200.00	0.584
670.00	-0.002	430.00	0.026		

Sample Name: Sample 3 Rack 1 Tube 3

Collection Time 10/30/2019 3:40:36 PM

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

Wavelength (nm)	Abs
898.40	-0.007
895.20	0.020
891.20	0.006

888.80	0.018
885.60	0.000
882.40	0.003
880.00	-0.002
872.00	0.002
863.20	0.001
854.40	0.000
352.80	0.071

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.023	660.00	-0.005	420.00	0.022
890.00	-0.021	650.00	-0.003	410.00	0.024
880.00	-0.002	640.00	-0.003	400.00	0.027
870.00	-0.004	630.00	-0.003	390.00	0.033
860.00	-0.012	620.00	-0.001	380.00	0.037
850.00	-0.004	610.00	-0.001	370.00	0.046
840.00	-0.008	600.00	0.001	360.00	0.057
830.00	-0.006	590.00	0.002	350.00	0.061
820.00	-0.005	580.00	0.004	340.00	0.082
810.00	-0.008	570.00	0.002	330.00	0.091
800.00	-0.005	560.00	0.003	320.00	0.106
790.00	-0.004	550.00	0.004	310.00	0.120
780.00	-0.003	540.00	0.003	300.00	0.136
770.00	-0.005	530.00	0.005	290.00	0.156
760.00	-0.007	520.00	0.007	280.00	0.175
750.00	-0.007	510.00	0.010	270.00	0.199
740.00	-0.004	500.00	0.009	260.00	0.218
730.00	-0.005	490.00	0.009	250.00	0.234
720.00	-0.004	480.00	0.010	240.00	0.258
710.00	-0.006	470.00	0.012	230.00	0.290
700.00	-0.006	460.00	0.012	220.00	0.331
690.00	-0.005	450.00	0.014	210.00	0.377
680.00	-0.003	440.00	0.016	200.00	0.417
670.00	-0.004	430.00	0.019		

Sample Name: Sample 4 Rack 1 Tube 4

Collection Time

10/30/2019 3:43:48 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	0.026
888.80	0.014
886.40	0.004
881.60	-0.004
879.20	-0.001
876.80	0.003

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.043	660.00	-0.007	420.00	0.000
890.00	-0.012	650.00	-0.007	410.00	0.000
880.00	-0.006	640.00	-0.005	400.00	0.001
870.00	-0.006	630.00	-0.006	390.00	0.001
860.00	-0.014	620.00	-0.006	380.00	-0.002
850.00	-0.009	610.00	-0.005	370.00	0.003
840.00	-0.010	600.00	-0.004	360.00	0.005
830.00	-0.006	590.00	-0.004	350.00	0.004
820.00	-0.010	580.00	0.000	340.00	0.023
810.00	-0.008	570.00	-0.003	330.00	0.022
800.00	-0.007	560.00	-0.003	320.00	0.027
790.00	-0.007	550.00	-0.001	310.00	0.029
780.00	-0.007	540.00	-0.001	300.00	0.032
770.00	-0.007	530.00	0.000	290.00	0.039
760.00	-0.007	520.00	0.001	280.00	0.045
750.00	-0.008	510.00	0.002	270.00	0.056
740.00	-0.007	500.00	0.002	260.00	0.059

730.00	-0.007	490.00	-0.001	250.00	0.061
720.00	-0.006	480.00	0.000	240.00	0.066
710.00	-0.007	470.00	0.000	230.00	0.074
700.00	-0.007	460.00	0.000	220.00	0.093
690.00	-0.006	450.00	-0.002	210.00	0.118
680.00	-0.005	440.00	-0.001	200.00	0.204
670.00	-0.007	430.00	0.001		

Sample Name: Sample 5 Rack 1 Tube 5

Collection Time 10/30/2019 3:47:01 PM

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

Wavelength (nm)	Abs
896.00	0.010
889.60	0.010
886.40	-0.009
881.60	0.003
879.20	-0.001
868.00	-0.004
863.20	-0.005
856.80	-0.004
356.00	0.027
352.80	0.033

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.026	660.00	-0.008	420.00	0.007
890.00	0.005	650.00	-0.009	410.00	0.007
880.00	-0.003	640.00	-0.008	400.00	0.009
870.00	-0.010	630.00	-0.009	390.00	0.009
860.00	-0.019	620.00	-0.009	380.00	0.011
850.00	-0.009	610.00	-0.008	370.00	0.016
840.00	-0.011	600.00	-0.006	360.00	0.024
830.00	-0.010	590.00	-0.005	350.00	0.022
820.00	-0.009	580.00	-0.002	340.00	0.047
810.00	-0.009	570.00	-0.004	330.00	0.049
800.00	-0.009	560.00	-0.005	320.00	0.054
790.00	-0.009	550.00	-0.003	310.00	0.063
780.00	-0.006	540.00	-0.004	300.00	0.072
770.00	-0.008	530.00	-0.003	290.00	0.083
760.00	-0.010	520.00	-0.002	280.00	0.093
750.00	-0.009	510.00	0.000	270.00	0.105
740.00	-0.009	500.00	-0.001	260.00	0.114
730.00	-0.009	490.00	0.000	250.00	0.121
720.00	-0.007	480.00	-0.001	240.00	0.131
710.00	-0.009	470.00	0.001	230.00	0.148
700.00	-0.008	460.00	0.002	220.00	0.175
690.00	-0.009	450.00	0.001	210.00	0.206
680.00	-0.007	440.00	0.003	200.00	0.236
670.00	-0.009	430.00	0.005		

Sample Name: Sample 6 Rack 1 Tube 6

Collection Time 10/30/2019 3:50:14 PM

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

Wavelength (nm)	Abs
897.60	0.001
894.40	0.001
888.80	0.005
885.60	0.001
881.60	0.001
879.20	0.003

874.40	-0.002
870.40	-0.002
863.20	-0.003
854.40	-0.003
352.80	0.007

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.045	660.00	-0.009	420.00	0.001
890.00	-0.008	650.00	-0.008	410.00	0.000
880.00	-0.015	640.00	-0.008	400.00	0.000
870.00	-0.005	630.00	-0.009	390.00	-0.001
860.00	-0.017	620.00	-0.007	380.00	-0.001
850.00	-0.006	610.00	-0.007	370.00	0.001
840.00	-0.013	600.00	-0.006	360.00	0.007
830.00	-0.009	590.00	-0.005	350.00	-0.002
820.00	-0.010	580.00	-0.001	340.00	0.018
810.00	-0.011	570.00	-0.004	330.00	0.019
800.00	-0.009	560.00	-0.005	320.00	0.021
790.00	-0.009	550.00	-0.004	310.00	0.024
780.00	-0.009	540.00	-0.004	300.00	0.025
770.00	-0.009	530.00	-0.002	290.00	0.028
760.00	-0.010	520.00	-0.001	280.00	0.030
750.00	-0.010	510.00	0.000	270.00	0.035
740.00	-0.009	500.00	-0.001	260.00	0.037
730.00	-0.010	490.00	-0.001	250.00	0.036
720.00	-0.008	480.00	0.001	240.00	0.038
710.00	-0.009	470.00	0.001	230.00	0.042
700.00	-0.009	460.00	0.000	220.00	0.054
690.00	-0.010	450.00	0.000	210.00	0.072
680.00	-0.008	440.00	0.001	200.00	0.090
670.00	-0.008	430.00	0.002		

Sample Name: Sample 7 Rack 1 Tube 7

Collection Time

10/30/2019 3:53:26 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.001
896.00	-0.001
892.80	0.009
888.80	0.007
886.40	-0.009
881.60	-0.008
879.20	-0.004
877.60	-0.002
870.40	0.000
864.80	-0.005
352.80	0.003

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.027	660.00	-0.010	420.00	-0.001
890.00	-0.007	650.00	-0.009	410.00	-0.003
880.00	-0.006	640.00	-0.008	400.00	-0.002
870.00	-0.009	630.00	-0.010	390.00	-0.003
860.00	-0.019	620.00	-0.010	380.00	-0.004
850.00	-0.009	610.00	-0.010	370.00	-0.004
840.00	-0.012	600.00	-0.007	360.00	0.002
830.00	-0.009	590.00	-0.007	350.00	-0.006
820.00	-0.012	580.00	-0.004	340.00	0.015
810.00	-0.010	570.00	-0.007	330.00	0.015
800.00	-0.009	560.00	-0.008	320.00	0.018
790.00	-0.009	550.00	-0.006	310.00	0.018
780.00	-0.008	540.00	-0.006	300.00	0.019
770.00	-0.010	530.00	-0.007	290.00	0.019
760.00	-0.012	520.00	-0.004	280.00	0.020

750.00	-0.011	510.00	-0.003	270.00	0.024
740.00	-0.010	500.00	-0.004	260.00	0.023
730.00	-0.010	490.00	-0.003	250.00	0.023
720.00	-0.009	480.00	-0.004	240.00	0.023
710.00	-0.010	470.00	-0.003	230.00	0.026
700.00	-0.011	460.00	-0.003	220.00	0.039
690.00	-0.011	450.00	-0.004	210.00	0.058
680.00	-0.009	440.00	-0.003	200.00	0.072
670.00	-0.010	430.00	-0.002		

Sample Name: Sample 8 Rack 1 Tube 8

Collection Time 10/30/2019 3:56:39 PM

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

Wavelength (nm)	Abs
898.40	0.006
892.80	0.001
891.20	-0.001
886.40	0.004
881.60	-0.006
876.80	-0.007
872.00	-0.007
863.20	-0.009
854.40	-0.004
352.80	0.014

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.042	660.00	-0.012	420.00	-0.004
890.00	-0.008	650.00	-0.011	410.00	-0.003
880.00	-0.020	640.00	-0.010	400.00	-0.002
870.00	-0.015	630.00	-0.012	390.00	-0.003
860.00	-0.021	620.00	-0.011	380.00	-0.002
850.00	-0.012	610.00	-0.010	370.00	0.000
840.00	-0.014	600.00	-0.010	360.00	0.006
830.00	-0.012	590.00	-0.008	350.00	-0.002
820.00	-0.012	580.00	-0.005	340.00	0.025
810.00	-0.013	570.00	-0.007	330.00	0.028
800.00	-0.011	560.00	-0.008	320.00	0.033
790.00	-0.011	550.00	-0.006	310.00	0.035
780.00	-0.010	540.00	-0.007	300.00	0.039
770.00	-0.012	530.00	-0.006	290.00	0.043
760.00	-0.014	520.00	-0.003	280.00	0.047
750.00	-0.012	510.00	-0.003	270.00	0.053
740.00	-0.011	500.00	-0.004	260.00	0.055
730.00	-0.012	490.00	-0.004	250.00	0.057
720.00	-0.010	480.00	-0.004	240.00	0.061
710.00	-0.013	470.00	-0.002	230.00	0.065
700.00	-0.012	460.00	-0.002	220.00	0.077
690.00	-0.012	450.00	-0.004	210.00	0.092
680.00	-0.012	440.00	-0.003	200.00	0.110
670.00	-0.011	430.00	-0.004		

Sample Name: Sample 9 Rack 1 Tube 9

Collection Time 10/30/2019 3:59:51 PM

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

Wavelength (nm)	Abs
896.80	0.024
895.20	0.006
891.20	-0.010
888.80	0.006

886.40	0.000
881.60	0.002
870.40	-0.004
352.00	0.013

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.037	660.00	-0.011	420.00	-0.004
890.00	-0.015	650.00	-0.011	410.00	-0.004
880.00	-0.011	640.00	-0.011	400.00	-0.003
870.00	-0.011	630.00	-0.012	390.00	-0.002
860.00	-0.018	620.00	-0.011	380.00	-0.003
850.00	-0.010	610.00	-0.009	370.00	0.001
840.00	-0.013	600.00	-0.009	360.00	0.004
830.00	-0.011	590.00	-0.008	350.00	0.000
820.00	-0.010	580.00	-0.005	340.00	0.024
810.00	-0.010	570.00	-0.008	330.00	0.024
800.00	-0.012	560.00	-0.009	320.00	0.025
790.00	-0.013	550.00	-0.008	310.00	0.028
780.00	-0.009	540.00	-0.009	300.00	0.029
770.00	-0.011	530.00	-0.007	290.00	0.031
760.00	-0.012	520.00	-0.006	280.00	0.032
750.00	-0.013	510.00	-0.004	270.00	0.034
740.00	-0.011	500.00	-0.005	260.00	0.033
730.00	-0.012	490.00	-0.005	250.00	0.034
720.00	-0.010	480.00	-0.005	240.00	0.036
710.00	-0.012	470.00	-0.005	230.00	0.040
700.00	-0.012	460.00	-0.006	220.00	0.056
690.00	-0.012	450.00	-0.007	210.00	0.079
680.00	-0.010	440.00	-0.005	200.00	0.095
670.00	-0.011	430.00	-0.005		

Sample Name: Sample 10 Rack 1 Tube 10

Collection Time 10/30/2019 4:03:04 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.007
894.40	-0.006
892.00	-0.003
888.80	0.011
886.40	-0.009
884.00	-0.012
880.00	-0.004
876.00	-0.001
870.40	-0.006
863.20	-0.008
352.80	0.000

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.046	660.00	-0.013	420.00	-0.007
890.00	-0.013	650.00	-0.012	410.00	-0.006
880.00	-0.004	640.00	-0.012	400.00	-0.007
870.00	-0.007	630.00	-0.013	390.00	-0.008
860.00	-0.020	620.00	-0.012	380.00	-0.008
850.00	-0.012	610.00	-0.011	370.00	-0.006
840.00	-0.015	600.00	-0.011	360.00	-0.002
830.00	-0.013	590.00	-0.009	350.00	-0.014
820.00	-0.011	580.00	-0.005	340.00	0.016
810.00	-0.014	570.00	-0.009	330.00	0.016
800.00	-0.013	560.00	-0.010	320.00	0.017
790.00	-0.013	550.00	-0.008	310.00	0.018
780.00	-0.010	540.00	-0.008	300.00	0.018
770.00	-0.013	530.00	-0.007	290.00	0.018
760.00	-0.014	520.00	-0.007	280.00	0.018
750.00	-0.013	510.00	-0.004	270.00	0.021

740.00	-0.013	500.00	-0.004	260.00	0.020
730.00	-0.013	490.00	-0.007	250.00	0.021
720.00	-0.011	480.00	-0.006	240.00	0.020
710.00	-0.012	470.00	-0.005	230.00	0.019
700.00	-0.012	460.00	-0.004	220.00	0.020
690.00	-0.013	450.00	-0.006	210.00	0.021
680.00	-0.011	440.00	-0.004	200.00	0.024
670.00	-0.013	430.00	-0.005		

Sample Name: Sample 11 Rack 1 Tube 11

Collection Time 10/30/2019 4:06:15 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.003
895.20	0.005
892.80	-0.008
888.80	0.002
886.40	-0.010
884.00	-0.009
881.60	-0.005
876.00	-0.008
873.60	-0.007
864.80	-0.006
856.80	-0.006
352.80	0.016

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.049	660.00	-0.012	420.00	-0.002
890.00	-0.018	650.00	-0.011	410.00	-0.003
880.00	-0.013	640.00	-0.010	400.00	-0.002
870.00	-0.014	630.00	-0.012	390.00	-0.001
860.00	-0.019	620.00	-0.011	380.00	-0.001
850.00	-0.013	610.00	-0.010	370.00	0.002
840.00	-0.015	600.00	-0.009	360.00	0.006
830.00	-0.012	590.00	-0.007	350.00	-0.003
820.00	-0.011	580.00	-0.004	340.00	0.025
810.00	-0.014	570.00	-0.008	330.00	0.026
800.00	-0.011	560.00	-0.009	320.00	0.029
790.00	-0.013	550.00	-0.008	310.00	0.032
780.00	-0.012	540.00	-0.007	300.00	0.035
770.00	-0.013	530.00	-0.008	290.00	0.039
760.00	-0.013	520.00	-0.007	280.00	0.042
750.00	-0.014	510.00	-0.005	270.00	0.046
740.00	-0.013	500.00	-0.004	260.00	0.048
730.00	-0.013	490.00	-0.006	250.00	0.048
720.00	-0.010	480.00	-0.005	240.00	0.051
710.00	-0.013	470.00	-0.003	230.00	0.060
700.00	-0.013	460.00	-0.004	220.00	0.086
690.00	-0.013	450.00	-0.005	210.00	0.123
680.00	-0.011	440.00	-0.003	200.00	0.147
670.00	-0.012	430.00	-0.004		

Sample Name: Sample 12 Rack 1 Tube 12

Collection Time 10/30/2019 4:09:26 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.002
895.20	0.006
889.60	-0.002

886.40	0.006
881.60	0.003
876.80	-0.006
871.20	-0.005
854.40	-0.006

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.025	660.00	-0.010	420.00	0.036
890.00	-0.008	650.00	-0.009	410.00	0.042
880.00	-0.013	640.00	-0.008	400.00	0.052
870.00	-0.010	630.00	-0.008	390.00	0.062
860.00	-0.019	620.00	-0.008	380.00	0.074
850.00	-0.010	610.00	-0.006	370.00	0.091
840.00	-0.014	600.00	-0.004	360.00	0.115
830.00	-0.013	590.00	-0.003	350.00	0.123
820.00	-0.011	580.00	0.003	340.00	0.174
810.00	-0.012	570.00	0.000	330.00	0.197
800.00	-0.014	560.00	-0.001	320.00	0.222
790.00	-0.011	550.00	0.001	310.00	0.255
780.00	-0.008	540.00	0.002	300.00	0.289
770.00	-0.011	530.00	0.004	290.00	0.330
760.00	-0.011	520.00	0.007	280.00	0.370
750.00	-0.012	510.00	0.010	270.00	0.412
740.00	-0.011	500.00	0.011	260.00	0.449
730.00	-0.012	490.00	0.012	250.00	0.480
720.00	-0.010	480.00	0.015	240.00	0.528
710.00	-0.011	470.00	0.017	230.00	0.596
700.00	-0.011	460.00	0.021	220.00	0.671
690.00	-0.011	450.00	0.021	210.00	0.761
680.00	-0.009	440.00	0.025	200.00	0.823
670.00	-0.011	430.00	0.031		

Sample Name: Sample 13 Rack 1 Tube 13

Collection Time

10/30/2019 4:12:38 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.004
896.80	0.004
893.60	-0.007
888.80	-0.003
885.60	-0.011
884.00	-0.010
881.60	-0.001
870.40	-0.001
863.20	-0.008
350.40	0.058

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.048	660.00	-0.012	420.00	0.012
890.00	-0.020	650.00	-0.011	410.00	0.015
880.00	-0.016	640.00	-0.012	400.00	0.019
870.00	-0.009	630.00	-0.012	390.00	0.023
860.00	-0.017	620.00	-0.012	380.00	0.029
850.00	-0.014	610.00	-0.010	370.00	0.037
840.00	-0.014	600.00	-0.008	360.00	0.047
830.00	-0.013	590.00	-0.006	350.00	0.048
820.00	-0.014	580.00	-0.003	340.00	0.090
810.00	-0.012	570.00	-0.006	330.00	0.103
800.00	-0.013	560.00	-0.008	320.00	0.122
790.00	-0.014	550.00	-0.005	310.00	0.138
780.00	-0.012	540.00	-0.006	300.00	0.158
770.00	-0.013	530.00	-0.004	290.00	0.180
760.00	-0.015	520.00	-0.003	280.00	0.207
750.00	-0.014	510.00	-0.001	270.00	0.234

740.00	-0.013	500.00	-0.001	260.00	0.255
730.00	-0.013	490.00	-0.001	250.00	0.269
720.00	-0.013	480.00	0.001	240.00	0.296
710.00	-0.013	470.00	0.002	230.00	0.336
700.00	-0.014	460.00	0.003	220.00	0.386
690.00	-0.013	450.00	0.004	210.00	0.446
680.00	-0.011	440.00	0.006	200.00	0.496
670.00	-0.013	430.00	0.009		

Sample Name: Sample 14 Rack 1 Tube 14

Collection Time 10/30/2019 4:15:50 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
899.20	-0.014
894.40	0.008
890.40	-0.008
886.40	0.008
881.60	-0.005
879.20	-0.008
863.20	-0.007
856.80	-0.007
352.80	0.025

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.048	660.00	-0.013	420.00	-0.001
890.00	-0.010	650.00	-0.012	410.00	0.000
880.00	-0.026	640.00	-0.012	400.00	0.003
870.00	-0.012	630.00	-0.013	390.00	0.004
860.00	-0.021	620.00	-0.013	380.00	0.004
850.00	-0.011	610.00	-0.011	370.00	0.007
840.00	-0.013	600.00	-0.010	360.00	0.015
830.00	-0.012	590.00	-0.009	350.00	0.007
820.00	-0.015	580.00	-0.005	340.00	0.044
810.00	-0.013	570.00	-0.008	330.00	0.046
800.00	-0.013	560.00	-0.010	320.00	0.055
790.00	-0.013	550.00	-0.007	310.00	0.062
780.00	-0.013	540.00	-0.009	300.00	0.067
770.00	-0.013	530.00	-0.006	290.00	0.078
760.00	-0.013	520.00	-0.006	280.00	0.091
750.00	-0.015	510.00	-0.003	270.00	0.105
740.00	-0.013	500.00	-0.003	260.00	0.114
730.00	-0.014	490.00	-0.004	250.00	0.121
720.00	-0.013	480.00	-0.004	240.00	0.132
710.00	-0.014	470.00	-0.002	230.00	0.148
700.00	-0.014	460.00	-0.002	220.00	0.169
690.00	-0.013	450.00	-0.002	210.00	0.196
680.00	-0.012	440.00	-0.002	200.00	0.237
670.00	-0.013	430.00	0.000		

Sample Name: Sample 15 Rack 1 Tube 15

Collection Time 10/30/2019 4:19:03 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.003
892.00	-0.008
890.40	0.004
886.40	-0.012
882.40	-0.006
879.20	0.000

877.60	-0.006
871.20	-0.006
352.80	0.007

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.017	660.00	-0.014	420.00	-0.006
890.00	-0.002	650.00	-0.014	410.00	-0.008
880.00	-0.016	640.00	-0.013	400.00	-0.007
870.00	-0.015	630.00	-0.015	390.00	-0.008
860.00	-0.022	620.00	-0.015	380.00	-0.010
850.00	-0.014	610.00	-0.013	370.00	-0.007
840.00	-0.017	600.00	-0.012	360.00	-0.004
830.00	-0.013	590.00	-0.010	350.00	-0.010
820.00	-0.014	580.00	-0.007	340.00	0.020
810.00	-0.015	570.00	-0.010	330.00	0.020
800.00	-0.011	560.00	-0.013	320.00	0.022
790.00	-0.014	550.00	-0.010	310.00	0.024
780.00	-0.010	540.00	-0.011	300.00	0.027
770.00	-0.015	530.00	-0.011	290.00	0.029
760.00	-0.015	520.00	-0.010	280.00	0.033
750.00	-0.016	510.00	-0.008	270.00	0.038
740.00	-0.014	500.00	-0.009	260.00	0.039
730.00	-0.015	490.00	-0.010	250.00	0.040
720.00	-0.013	480.00	-0.009	240.00	0.045
710.00	-0.015	470.00	-0.008	230.00	0.048
700.00	-0.015	460.00	-0.008	220.00	0.055
690.00	-0.015	450.00	-0.008	210.00	0.065
680.00	-0.013	440.00	-0.007	200.00	0.084
670.00	-0.015	430.00	-0.007		

Sample Name: Sample 16 Rack 1 Tube 16

Collection Time 10/30/2019 4:22:14 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	0.009
896.00	-0.012
891.20	-0.004
888.80	-0.006
886.40	-0.014
881.60	-0.005
879.20	-0.010
874.40	-0.008
867.20	-0.010
857.60	-0.008
352.80	0.036

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.063	660.00	-0.014	420.00	0.004
890.00	-0.016	650.00	-0.013	410.00	0.005
880.00	-0.016	640.00	-0.013	400.00	0.009
870.00	-0.012	630.00	-0.014	390.00	0.010
860.00	-0.023	620.00	-0.013	380.00	0.011
850.00	-0.012	610.00	-0.012	370.00	0.020
840.00	-0.017	600.00	-0.012	360.00	0.026
830.00	-0.013	590.00	-0.010	350.00	0.026
820.00	-0.013	580.00	-0.006	340.00	0.067
810.00	-0.015	570.00	-0.009	330.00	0.074
800.00	-0.014	560.00	-0.011	320.00	0.085
790.00	-0.015	550.00	-0.008	310.00	0.096
780.00	-0.014	540.00	-0.008	300.00	0.110
770.00	-0.014	530.00	-0.006	290.00	0.126
760.00	-0.015	520.00	-0.005	280.00	0.144
750.00	-0.015	510.00	-0.004	270.00	0.163
740.00	-0.014	500.00	-0.004	260.00	0.176

730.00	-0.015	490.00	-0.004	250.00	0.188
720.00	-0.013	480.00	-0.002	240.00	0.209
710.00	-0.015	470.00	0.000	230.00	0.237
700.00	-0.015	460.00	-0.001	220.00	0.277
690.00	-0.015	450.00	-0.001	210.00	0.327
680.00	-0.014	440.00	0.003	200.00	0.385
670.00	-0.014	430.00	0.005		

Sample Name: Sample 17 Rack 1 Tube 17

Collection Time 10/30/2019 4:25:27 PM

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

Wavelength (nm)	Abs
897.60	0.007
895.20	-0.004
888.80	0.005
885.60	-0.008
881.60	0.002
877.60	-0.008
870.40	-0.009
864.80	-0.010
854.40	-0.009
475.20	-0.004
352.80	-0.001

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.047	660.00	-0.015	420.00	-0.009
890.00	-0.021	650.00	-0.014	410.00	-0.009
880.00	-0.018	640.00	-0.013	400.00	-0.010
870.00	-0.013	630.00	-0.015	390.00	-0.010
860.00	-0.021	620.00	-0.015	380.00	-0.012
850.00	-0.014	610.00	-0.013	370.00	-0.010
840.00	-0.016	600.00	-0.011	360.00	-0.009
830.00	-0.014	590.00	-0.011	350.00	-0.011
820.00	-0.013	580.00	-0.006	340.00	0.017
810.00	-0.014	570.00	-0.010	330.00	0.018
800.00	-0.012	560.00	-0.012	320.00	0.018
790.00	-0.013	550.00	-0.010	310.00	0.020
780.00	-0.012	540.00	-0.011	300.00	0.022
770.00	-0.013	530.00	-0.010	290.00	0.023
760.00	-0.015	520.00	-0.008	280.00	0.025
750.00	-0.015	510.00	-0.007	270.00	0.027
740.00	-0.014	500.00	-0.007	260.00	0.027
730.00	-0.015	490.00	-0.007	250.00	0.027
720.00	-0.014	480.00	-0.007	240.00	0.029
710.00	-0.016	470.00	-0.006	230.00	0.031
700.00	-0.016	460.00	-0.008	220.00	0.038
690.00	-0.015	450.00	-0.009	210.00	0.043
680.00	-0.014	440.00	-0.008	200.00	0.056
670.00	-0.015	430.00	-0.009		

Sample Name: Sample 18 Rack 1 Tube 18

Collection Time 10/30/2019 4:28:39 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	-0.001
892.00	-0.009
890.40	-0.014
888.80	0.001

886.40	-0.014
881.60	-0.014
879.20	-0.003
876.80	-0.009
872.00	-0.007
867.20	-0.007
849.60	-0.008
352.80	-0.002

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.062	660.00	-0.015	420.00	-0.009
890.00	-0.021	650.00	-0.015	410.00	-0.010
880.00	-0.016	640.00	-0.015	400.00	-0.010
870.00	-0.018	630.00	-0.015	390.00	-0.010
860.00	-0.025	620.00	-0.016	380.00	-0.010
850.00	-0.011	610.00	-0.013	370.00	-0.008
840.00	-0.019	600.00	-0.011	360.00	-0.004
830.00	-0.016	590.00	-0.011	350.00	-0.011
820.00	-0.013	580.00	-0.006	340.00	0.024
810.00	-0.015	570.00	-0.010	330.00	0.023
800.00	-0.014	560.00	-0.012	320.00	0.026
790.00	-0.013	550.00	-0.011	310.00	0.029
780.00	-0.012	540.00	-0.012	300.00	0.032
770.00	-0.015	530.00	-0.011	290.00	0.035
760.00	-0.016	520.00	-0.009	280.00	0.038
750.00	-0.016	510.00	-0.007	270.00	0.043
740.00	-0.015	500.00	-0.008	260.00	0.046
730.00	-0.017	490.00	-0.008	250.00	0.048
720.00	-0.014	480.00	-0.009	240.00	0.052
710.00	-0.016	470.00	-0.007	230.00	0.056
700.00	-0.015	460.00	-0.009	220.00	0.064
690.00	-0.016	450.00	-0.009	210.00	0.075
680.00	-0.015	440.00	-0.008	200.00	0.103
670.00	-0.016	430.00	-0.009		

Sample Name: Sample 19 Rack 1 Tube 19

Collection Time

10/30/2019 4:31:51 PM

Peak Table

Peak Style

Peaks

Peak Threshold

0.0100

Range

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.002
888.80	0.023
886.40	-0.009
879.20	-0.006
877.60	-0.010
872.00	-0.010

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.048	660.00	-0.013	420.00	0.014
890.00	-0.019	650.00	-0.013	410.00	0.018
880.00	-0.013	640.00	-0.012	400.00	0.022
870.00	-0.016	630.00	-0.014	390.00	0.026
860.00	-0.019	620.00	-0.013	380.00	0.033
850.00	-0.012	610.00	-0.011	370.00	0.040
840.00	-0.016	600.00	-0.010	360.00	0.050
830.00	-0.014	590.00	-0.008	350.00	0.054
820.00	-0.014	580.00	-0.005	340.00	0.103
810.00	-0.014	570.00	-0.007	330.00	0.113
800.00	-0.013	560.00	-0.008	320.00	0.127
790.00	-0.014	550.00	-0.006	310.00	0.145
780.00	-0.013	540.00	-0.007	300.00	0.162
770.00	-0.013	530.00	-0.004	290.00	0.185
760.00	-0.015	520.00	-0.004	280.00	0.212
750.00	-0.014	510.00	-0.001	270.00	0.236
740.00	-0.014	500.00	0.001	260.00	0.256

730.00	-0.014	490.00	0.002	250.00	0.272
720.00	-0.013	480.00	0.004	240.00	0.295
710.00	-0.015	470.00	0.005	230.00	0.333
700.00	-0.013	460.00	0.006	220.00	0.378
690.00	-0.014	450.00	0.007	210.00	0.436
680.00	-0.013	440.00	0.010	200.00	0.518
670.00	-0.013	430.00	0.012		

Sample Name: Sample 20 Rack 1 Tube 20

Collection Time 10/30/2019 4:35:03 PM

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

Wavelength (nm)	Abs
896.00	0.008
892.80	-0.012
888.80	0.000
886.40	0.004
881.60	-0.008
877.60	-0.006
863.20	-0.007
854.40	-0.005
421.60	-0.003
352.80	0.000

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.043	660.00	-0.014	420.00	-0.005
890.00	-0.015	650.00	-0.015	410.00	-0.006
880.00	-0.012	640.00	-0.014	400.00	-0.006
870.00	-0.013	630.00	-0.015	390.00	-0.007
860.00	-0.021	620.00	-0.015	380.00	-0.009
850.00	-0.012	610.00	-0.014	370.00	-0.007
840.00	-0.015	600.00	-0.012	360.00	-0.005
830.00	-0.015	590.00	-0.011	350.00	-0.014
820.00	-0.015	580.00	-0.007	340.00	0.018
810.00	-0.014	570.00	-0.011	330.00	0.017
800.00	-0.013	560.00	-0.012	320.00	0.019
790.00	-0.015	550.00	-0.011	310.00	0.018
780.00	-0.012	540.00	-0.011	300.00	0.017
770.00	-0.013	530.00	-0.010	290.00	0.018
760.00	-0.014	520.00	-0.008	280.00	0.018
750.00	-0.016	510.00	-0.007	270.00	0.023
740.00	-0.015	500.00	-0.006	260.00	0.024
730.00	-0.014	490.00	-0.008	250.00	0.024
720.00	-0.014	480.00	-0.008	240.00	0.024
710.00	-0.015	470.00	-0.007	230.00	0.023
700.00	-0.015	460.00	-0.008	220.00	0.025
690.00	-0.014	450.00	-0.008	210.00	0.025
680.00	-0.014	440.00	-0.006	200.00	0.026
670.00	-0.014	430.00	-0.007		

Sample Name: Sample 21 Rack 1 Tube 21

Collection Time 10/30/2019 4:38:15 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	0.019
892.80	-0.002
888.80	-0.005
886.40	-0.003
881.60	-0.007

870.40	-0.007
864.80	-0.009
856.80	-0.006
352.00	0.003

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.058	660.00	-0.015	420.00	-0.006
890.00	-0.020	650.00	-0.015	410.00	-0.006
880.00	-0.012	640.00	-0.014	400.00	-0.005
870.00	-0.013	630.00	-0.016	390.00	-0.005
860.00	-0.023	620.00	-0.015	380.00	-0.005
850.00	-0.013	610.00	-0.013	370.00	-0.006
840.00	-0.017	600.00	-0.013	360.00	0.000
830.00	-0.013	590.00	-0.011	350.00	-0.006
820.00	-0.015	580.00	-0.007	340.00	0.026
810.00	-0.014	570.00	-0.010	330.00	0.027
800.00	-0.011	560.00	-0.012	320.00	0.032
790.00	-0.015	550.00	-0.010	310.00	0.033
780.00	-0.014	540.00	-0.010	300.00	0.037
770.00	-0.015	530.00	-0.009	290.00	0.042
760.00	-0.015	520.00	-0.008	280.00	0.047
750.00	-0.016	510.00	-0.006	270.00	0.056
740.00	-0.014	500.00	-0.007	260.00	0.059
730.00	-0.014	490.00	-0.008	250.00	0.062
720.00	-0.013	480.00	-0.006	240.00	0.066
710.00	-0.015	470.00	-0.006	230.00	0.074
700.00	-0.015	460.00	-0.007	220.00	0.085
690.00	-0.015	450.00	-0.007	210.00	0.096
680.00	-0.014	440.00	-0.006	200.00	0.118
670.00	-0.015	430.00	-0.006		

Sample Name: Sample 22 Rack 1 Tube 22

Collection Time 10/30/2019 4:41:27 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.006
895.20	-0.003
888.80	0.008
886.40	-0.007
879.20	0.000
874.40	-0.008
870.40	-0.007
863.20	-0.008
352.00	-0.002

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.044	660.00	-0.016	420.00	-0.008
890.00	-0.011	650.00	-0.015	410.00	-0.010
880.00	-0.012	640.00	-0.014	400.00	-0.008
870.00	-0.010	630.00	-0.016	390.00	-0.011
860.00	-0.019	620.00	-0.015	380.00	-0.012
850.00	-0.014	610.00	-0.015	370.00	-0.011
840.00	-0.016	600.00	-0.013	360.00	-0.009
830.00	-0.014	590.00	-0.011	350.00	-0.013
820.00	-0.015	580.00	-0.008	340.00	0.022
810.00	-0.015	570.00	-0.011	330.00	0.022
800.00	-0.013	560.00	-0.013	320.00	0.022
790.00	-0.013	550.00	-0.011	310.00	0.026
780.00	-0.014	540.00	-0.013	300.00	0.026
770.00	-0.014	530.00	-0.011	290.00	0.030
760.00	-0.016	520.00	-0.009	280.00	0.031
750.00	-0.016	510.00	-0.007	270.00	0.035
740.00	-0.014	500.00	-0.007	260.00	0.036
730.00	-0.015	490.00	-0.008	250.00	0.036

720.00	-0.014	480.00	-0.008	240.00	0.039
710.00	-0.015	470.00	-0.006	230.00	0.042
700.00	-0.017	460.00	-0.007	220.00	0.053
690.00	-0.015	450.00	-0.009	210.00	0.068
680.00	-0.015	440.00	-0.006	200.00	0.084
670.00	-0.015	430.00	-0.007		

Sample Name: Sample 23 Rack 1 Tube 23

Collection Time 10/30/2019 4:44:39 PM

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

Wavelength (nm)	Abs
897.60	-0.001
894.40	0.001
890.40	0.000
888.80	0.008
886.40	0.005
881.60	-0.009
879.20	-0.005
876.80	-0.008
873.60	-0.007
863.20	-0.010
854.40	-0.008
352.80	0.138

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	0.035
890.00	-0.010	650.00	-0.011	410.00	0.042
880.00	-0.012	640.00	-0.010	400.00	0.051
870.00	-0.014	630.00	-0.011	390.00	0.061
860.00	-0.021	620.00	-0.011	380.00	0.074
850.00	-0.014	610.00	-0.008	370.00	0.092
840.00	-0.013	600.00	-0.006	360.00	0.114
830.00	-0.014	590.00	-0.004	350.00	0.131
820.00	-0.015	580.00	0.001	340.00	0.189
810.00	-0.014	570.00	-0.002	330.00	0.212
800.00	-0.013	560.00	-0.002	320.00	0.241
790.00	-0.015	550.00	0.000	310.00	0.275
780.00	-0.011	540.00	0.000	300.00	0.312
770.00	-0.014	530.00	0.002	290.00	0.351
760.00	-0.015	520.00	0.006	280.00	0.395
750.00	-0.014	510.00	0.009	270.00	0.446
740.00	-0.013	500.00	0.009	260.00	0.493
730.00	-0.013	490.00	0.010	250.00	0.531
720.00	-0.013	480.00	0.012	240.00	0.586
710.00	-0.015	470.00	0.015	230.00	0.664
700.00	-0.014	460.00	0.015	220.00	0.751
690.00	-0.013	450.00	0.018	210.00	0.847
680.00	-0.011	440.00	0.024	200.00	0.928
670.00	-0.012	430.00	0.029		

Sample Name: Sample 24 Rack 1 Tube 24

Collection Time 10/30/2019 4:47:51 PM

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

Wavelength (nm)	Abs
897.60	0.008
895.20	0.004
892.00	0.003
888.80	0.013
886.40	-0.006

882.40	-0.011
879.20	-0.008
877.60	-0.006
871.20	-0.007
864.80	-0.011
352.80	0.072

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.021	660.00	-0.013	420.00	0.013
890.00	-0.009	650.00	-0.012	410.00	0.018
880.00	-0.015	640.00	-0.012	400.00	0.022
870.00	-0.010	630.00	-0.013	390.00	0.027
860.00	-0.023	620.00	-0.013	380.00	0.033
850.00	-0.014	610.00	-0.011	370.00	0.043
840.00	-0.017	600.00	-0.010	360.00	0.058
830.00	-0.015	590.00	-0.009	350.00	0.062
820.00	-0.015	580.00	-0.004	340.00	0.107
810.00	-0.015	570.00	-0.007	330.00	0.121
800.00	-0.014	560.00	-0.008	320.00	0.137
790.00	-0.015	550.00	-0.006	310.00	0.155
780.00	-0.014	540.00	-0.006	300.00	0.176
770.00	-0.013	530.00	-0.006	290.00	0.197
760.00	-0.015	520.00	-0.004	280.00	0.220
750.00	-0.016	510.00	-0.002	270.00	0.247
740.00	-0.014	500.00	0.000	260.00	0.268
730.00	-0.015	490.00	-0.001	250.00	0.286
720.00	-0.014	480.00	0.000	240.00	0.315
710.00	-0.015	470.00	0.003	230.00	0.355
700.00	-0.012	460.00	0.004	220.00	0.401
690.00	-0.014	450.00	0.004	210.00	0.454
680.00	-0.011	440.00	0.008	200.00	0.498
670.00	-0.014	430.00	0.011		

Sample Name: Sample 25 Rack 1 Tube 25

Collection Time 10/30/2019 4:51:03 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.009
895.20	0.000
892.80	-0.004
890.40	-0.009
888.80	0.007
886.40	0.006
882.40	-0.011
879.20	-0.004
867.20	-0.008
854.40	-0.007

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.024	660.00	-0.010	420.00	0.030
890.00	-0.016	650.00	-0.010	410.00	0.036
880.00	-0.015	640.00	-0.010	400.00	0.044
870.00	-0.013	630.00	-0.010	390.00	0.052
860.00	-0.021	620.00	-0.010	380.00	0.059
850.00	-0.013	610.00	-0.007	370.00	0.076
840.00	-0.017	600.00	-0.006	360.00	0.092
830.00	-0.014	590.00	-0.005	350.00	0.104
820.00	-0.014	580.00	0.001	340.00	0.152
810.00	-0.014	570.00	-0.002	330.00	0.173
800.00	-0.015	560.00	-0.003	320.00	0.194
790.00	-0.014	550.00	-0.001	310.00	0.220
780.00	-0.013	540.00	-0.001	300.00	0.248
770.00	-0.013	530.00	0.001	290.00	0.281
760.00	-0.014	520.00	0.002	280.00	0.317

750.00	-0.014	510.00	0.006	270.00	0.358
740.00	-0.011	500.00	0.007	260.00	0.391
730.00	-0.013	490.00	0.008	250.00	0.413
720.00	-0.012	480.00	0.009	240.00	0.454
710.00	-0.013	470.00	0.012	230.00	0.506
700.00	-0.012	460.00	0.014	220.00	0.574
690.00	-0.012	450.00	0.017	210.00	0.651
680.00	-0.010	440.00	0.021	200.00	0.702
670.00	-0.011	430.00	0.025		

Sample Name: Sample 26 Rack 1 Tube 26

Collection Time 10/30/2019 4:54:16 PM

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

Wavelength (nm)	Abs
897.60	-0.006
894.40	-0.004
888.80	-0.003
881.60	-0.005
879.20	-0.011
872.00	-0.009
863.20	-0.008
854.40	-0.006
352.80	0.062

X-Y Pairs Table
Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.038	660.00	-0.013	420.00	0.012
890.00	-0.015	650.00	-0.012	410.00	0.012
880.00	-0.014	640.00	-0.012	400.00	0.017
870.00	-0.011	630.00	-0.012	390.00	0.021
860.00	-0.019	620.00	-0.013	380.00	0.026
850.00	-0.013	610.00	-0.011	370.00	0.035
840.00	-0.014	600.00	-0.009	360.00	0.046
830.00	-0.015	590.00	-0.007	350.00	0.049
820.00	-0.014	580.00	-0.004	340.00	0.093
810.00	-0.015	570.00	-0.006	330.00	0.105
800.00	-0.014	560.00	-0.008	320.00	0.121
790.00	-0.014	550.00	-0.005	310.00	0.136
780.00	-0.012	540.00	-0.006	300.00	0.152
770.00	-0.014	530.00	-0.003	290.00	0.170
760.00	-0.015	520.00	-0.001	280.00	0.193
750.00	-0.015	510.00	0.001	270.00	0.222
740.00	-0.014	500.00	0.001	260.00	0.244
730.00	-0.014	490.00	0.001	250.00	0.260
720.00	-0.013	480.00	0.003	240.00	0.282
710.00	-0.014	470.00	0.004	230.00	0.314
700.00	-0.014	460.00	0.005	220.00	0.351
690.00	-0.014	450.00	0.004	210.00	0.391
680.00	-0.014	440.00	0.006	200.00	0.425
670.00	-0.014	430.00	0.010		

Sample Name: Sample 27 Rack 1 Tube 27

Collection Time 10/30/2019 4:57:29 PM

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

Wavelength (nm)	Abs
899.20	-0.011
896.80	-0.004
893.60	-0.005
888.80	0.002
886.40	0.000

881.60	-0.010
879.20	-0.008
874.40	-0.005
352.80	0.157

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.024	660.00	-0.009	420.00	0.046
890.00	-0.019	650.00	-0.009	410.00	0.052
880.00	-0.009	640.00	-0.007	400.00	0.064
870.00	-0.012	630.00	-0.008	390.00	0.074
860.00	-0.019	620.00	-0.007	380.00	0.089
850.00	-0.013	610.00	-0.005	370.00	0.109
840.00	-0.015	600.00	-0.004	360.00	0.133
830.00	-0.011	590.00	-0.003	350.00	0.144
820.00	-0.012	580.00	0.003	340.00	0.201
810.00	-0.012	570.00	0.000	330.00	0.228
800.00	-0.010	560.00	0.000	320.00	0.258
790.00	-0.012	550.00	0.003	310.00	0.294
780.00	-0.012	540.00	0.003	300.00	0.334
770.00	-0.014	530.00	0.005	290.00	0.376
760.00	-0.014	520.00	0.008	280.00	0.423
750.00	-0.012	510.00	0.011	270.00	0.478
740.00	-0.012	500.00	0.014	260.00	0.525
730.00	-0.012	490.00	0.015	250.00	0.555
720.00	-0.011	480.00	0.018	240.00	0.609
710.00	-0.012	470.00	0.021	230.00	0.683
700.00	-0.012	460.00	0.023	220.00	0.762
690.00	-0.011	450.00	0.028	210.00	0.849
680.00	-0.009	440.00	0.034	200.00	0.900
670.00	-0.010	430.00	0.038		

Sample Name: Sample 28 Rack 1 Tube 28

Collection Time 10/30/2019 5:00:41 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	-0.001
894.40	0.004
892.80	-0.003
888.80	-0.004
886.40	-0.003
881.60	-0.002
879.20	-0.006
863.20	-0.009
854.40	-0.008
350.40	0.105

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.036	660.00	-0.014	420.00	0.024
890.00	-0.017	650.00	-0.013	410.00	0.030
880.00	-0.017	640.00	-0.012	400.00	0.039
870.00	-0.018	630.00	-0.013	390.00	0.046
860.00	-0.022	620.00	-0.012	380.00	0.058
850.00	-0.014	610.00	-0.011	370.00	0.072
840.00	-0.018	600.00	-0.008	360.00	0.088
830.00	-0.015	590.00	-0.006	350.00	0.100
820.00	-0.017	580.00	-0.003	340.00	0.154
810.00	-0.016	570.00	-0.005	330.00	0.178
800.00	-0.012	560.00	-0.006	320.00	0.205
790.00	-0.013	550.00	-0.005	310.00	0.236
780.00	-0.011	540.00	-0.003	300.00	0.267
770.00	-0.015	530.00	-0.001	290.00	0.303
760.00	-0.014	520.00	0.001	280.00	0.343
750.00	-0.015	510.00	0.004	270.00	0.392
740.00	-0.014	500.00	0.004	260.00	0.432

730.00	-0.015	490.00	0.004	250.00	0.463
720.00	-0.012	480.00	0.005	240.00	0.513
710.00	-0.014	470.00	0.009	230.00	0.579
700.00	-0.015	460.00	0.011	220.00	0.666
690.00	-0.014	450.00	0.012	210.00	0.767
680.00	-0.014	440.00	0.016	200.00	0.835
670.00	-0.014	430.00	0.019		

Sample Name: Sample 29 Rack 1 Tube 29

Collection Time 10/30/2019 5:03:54 PM

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

Wavelength (nm)	Abs
897.60	0.012
894.40	0.006
892.00	0.002
888.80	-0.006
886.40	-0.005
882.40	-0.003
879.20	-0.006
871.20	-0.007
867.20	-0.010
854.40	-0.007
352.80	0.150

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.037	660.00	-0.011	420.00	0.040
890.00	-0.017	650.00	-0.010	410.00	0.048
880.00	-0.021	640.00	-0.009	400.00	0.059
870.00	-0.015	630.00	-0.010	390.00	0.070
860.00	-0.016	620.00	-0.010	380.00	0.083
850.00	-0.013	610.00	-0.007	370.00	0.105
840.00	-0.014	600.00	-0.006	360.00	0.130
830.00	-0.012	590.00	-0.004	350.00	0.145
820.00	-0.011	580.00	0.002	340.00	0.203
810.00	-0.014	570.00	-0.002	330.00	0.229
800.00	-0.013	560.00	-0.002	320.00	0.263
790.00	-0.013	550.00	0.000	310.00	0.296
780.00	-0.011	540.00	0.001	300.00	0.337
770.00	-0.013	530.00	0.002	290.00	0.382
760.00	-0.014	520.00	0.005	280.00	0.428
750.00	-0.014	510.00	0.008	270.00	0.486
740.00	-0.012	500.00	0.009	260.00	0.532
730.00	-0.013	490.00	0.011	250.00	0.569
720.00	-0.011	480.00	0.012	240.00	0.626
710.00	-0.013	470.00	0.016	230.00	0.703
700.00	-0.012	460.00	0.017	220.00	0.789
690.00	-0.012	450.00	0.021	210.00	0.886
680.00	-0.010	440.00	0.026	200.00	0.943
670.00	-0.011	430.00	0.033		

Sample Name: Sample 30 Rack 1 Tube 30

Collection Time 10/30/2019 5:07:06 PM

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

Wavelength (nm)	Abs
897.60	0.003
895.20	0.000
892.80	-0.001
890.40	-0.007
886.40	-0.004

881.60	-0.001
879.20	-0.010
871.20	-0.010
863.20	-0.008
855.20	-0.008
356.80	-0.003
352.80	0.000

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.042	660.00	-0.014	420.00	-0.006
890.00	-0.013	650.00	-0.013	410.00	-0.008
880.00	-0.010	640.00	-0.012	400.00	-0.007
870.00	-0.014	630.00	-0.014	390.00	-0.008
860.00	-0.021	620.00	-0.014	380.00	-0.009
850.00	-0.013	610.00	-0.013	370.00	-0.009
840.00	-0.016	600.00	-0.012	360.00	-0.007
830.00	-0.013	590.00	-0.010	350.00	-0.013
820.00	-0.014	580.00	-0.006	340.00	0.018
810.00	-0.014	570.00	-0.010	330.00	0.018
800.00	-0.013	560.00	-0.012	320.00	0.019
790.00	-0.013	550.00	-0.009	310.00	0.019
780.00	-0.011	540.00	-0.009	300.00	0.021
770.00	-0.014	530.00	-0.008	290.00	0.022
760.00	-0.014	520.00	-0.006	280.00	0.023
750.00	-0.014	510.00	-0.005	270.00	0.024
740.00	-0.014	500.00	-0.005	260.00	0.025
730.00	-0.014	490.00	-0.006	250.00	0.023
720.00	-0.012	480.00	-0.007	240.00	0.025
710.00	-0.015	470.00	-0.005	230.00	0.023
700.00	-0.016	460.00	-0.007	220.00	0.024
690.00	-0.014	450.00	-0.008	210.00	0.024
680.00	-0.012	440.00	-0.006	200.00	0.030
670.00	-0.014	430.00	-0.006		

Sample Name: Sample 31 Rack 1 Tube 31

Collection Time 10/30/2019 5:10:19 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.008
894.40	0.005
892.00	0.004
889.60	0.008
881.60	-0.011
877.60	-0.008
863.20	-0.005
352.80	0.067

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.053	660.00	-0.014	420.00	0.012
890.00	-0.007	650.00	-0.013	410.00	0.016
880.00	-0.018	640.00	-0.012	400.00	0.022
870.00	-0.015	630.00	-0.014	390.00	0.026
860.00	-0.023	620.00	-0.013	380.00	0.032
850.00	-0.014	610.00	-0.011	370.00	0.040
840.00	-0.015	600.00	-0.010	360.00	0.056
830.00	-0.013	590.00	-0.009	350.00	0.056
820.00	-0.013	580.00	-0.004	340.00	0.107
810.00	-0.013	570.00	-0.007	330.00	0.119
800.00	-0.012	560.00	-0.007	320.00	0.136
790.00	-0.014	550.00	-0.005	310.00	0.154
780.00	-0.012	540.00	-0.006	300.00	0.173
770.00	-0.013	530.00	-0.005	290.00	0.197
760.00	-0.014	520.00	-0.003	280.00	0.222
750.00	-0.015	510.00	-0.001	270.00	0.252

740.00	-0.014	500.00	0.000	260.00	0.279
730.00	-0.014	490.00	0.000	250.00	0.298
720.00	-0.012	480.00	0.002	240.00	0.324
710.00	-0.014	470.00	0.002	230.00	0.365
700.00	-0.014	460.00	0.004	220.00	0.409
690.00	-0.014	450.00	0.005	210.00	0.462
680.00	-0.012	440.00	0.008	200.00	0.506
670.00	-0.014	430.00	0.009		

Sample Name: Sample 32 Rack 1 Tube 32

Collection Time 10/30/2019 5:13:33 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	0.004
895.20	-0.006
892.80	-0.007
890.40	-0.008
888.80	0.007
885.60	-0.010
881.60	-0.003
877.60	-0.008
872.00	-0.004
352.80	0.089

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.050	660.00	-0.012	420.00	0.022
890.00	-0.013	650.00	-0.011	410.00	0.026
880.00	-0.011	640.00	-0.010	400.00	0.033
870.00	-0.011	630.00	-0.012	390.00	0.039
860.00	-0.019	620.00	-0.011	380.00	0.045
850.00	-0.014	610.00	-0.010	370.00	0.058
840.00	-0.014	600.00	-0.009	360.00	0.075
830.00	-0.011	590.00	-0.006	350.00	0.082
820.00	-0.013	580.00	-0.003	340.00	0.132
810.00	-0.014	570.00	-0.005	330.00	0.149
800.00	-0.012	560.00	-0.006	320.00	0.170
790.00	-0.013	550.00	-0.005	310.00	0.192
780.00	-0.011	540.00	-0.004	300.00	0.221
770.00	-0.014	530.00	-0.003	290.00	0.250
760.00	-0.012	520.00	-0.001	280.00	0.284
750.00	-0.014	510.00	0.003	270.00	0.324
740.00	-0.013	500.00	0.004	260.00	0.354
730.00	-0.013	490.00	0.003	250.00	0.378
720.00	-0.012	480.00	0.004	240.00	0.416
710.00	-0.013	470.00	0.008	230.00	0.467
700.00	-0.013	460.00	0.008	220.00	0.530
690.00	-0.013	450.00	0.010	210.00	0.602
680.00	-0.012	440.00	0.013	200.00	0.659
670.00	-0.013	430.00	0.018		

Sample Name: Sample 33 Rack 1 Tube 33

Collection Time 10/30/2019 5:16:45 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
897.60	0.014
894.40	-0.001
890.40	0.004
885.60	-0.008
881.60	-0.007

879.20	-0.011
877.60	-0.002
872.00	-0.004
863.20	-0.007
366.40	0.001
352.00	0.000

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.040	660.00	-0.014	420.00	-0.006
890.00	-0.006	650.00	-0.013	410.00	-0.006
880.00	-0.013	640.00	-0.013	400.00	-0.006
870.00	-0.017	630.00	-0.014	390.00	-0.007
860.00	-0.016	620.00	-0.014	380.00	-0.008
850.00	-0.013	610.00	-0.013	370.00	-0.007
840.00	-0.015	600.00	-0.012	360.00	0.001
830.00	-0.012	590.00	-0.010	350.00	-0.008
820.00	-0.011	580.00	-0.006	340.00	0.025
810.00	-0.013	570.00	-0.008	330.00	0.024
800.00	-0.010	560.00	-0.010	320.00	0.026
790.00	-0.013	550.00	-0.009	310.00	0.028
780.00	-0.012	540.00	-0.010	300.00	0.030
770.00	-0.014	530.00	-0.009	290.00	0.032
760.00	-0.015	520.00	-0.007	280.00	0.034
750.00	-0.014	510.00	-0.005	270.00	0.038
740.00	-0.013	500.00	-0.005	260.00	0.040
730.00	-0.013	490.00	-0.007	250.00	0.040
720.00	-0.012	480.00	-0.006	240.00	0.042
710.00	-0.015	470.00	-0.005	230.00	0.045
700.00	-0.014	460.00	-0.006	220.00	0.055
690.00	-0.014	450.00	-0.008	210.00	0.072
680.00	-0.013	440.00	-0.006	200.00	0.089
670.00	-0.013	430.00	-0.006		

Sample Name: Sample 34 Rack 1 Tube 34

Collection Time 10/30/2019 5:19:57 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	-0.002
896.00	0.006
892.00	-0.002
888.80	0.001
886.40	-0.009
881.60	0.009
879.20	-0.003
872.00	-0.009

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.059	660.00	-0.009	420.00	0.043
890.00	-0.012	650.00	-0.007	410.00	0.051
880.00	-0.011	640.00	-0.005	400.00	0.062
870.00	-0.011	630.00	-0.007	390.00	0.073
860.00	-0.019	620.00	-0.006	380.00	0.087
850.00	-0.012	610.00	-0.003	370.00	0.107
840.00	-0.013	600.00	-0.002	360.00	0.130
830.00	-0.012	590.00	0.001	350.00	0.148
820.00	-0.012	580.00	0.005	340.00	0.207
810.00	-0.014	570.00	0.004	330.00	0.236
800.00	-0.011	560.00	0.003	320.00	0.266
790.00	-0.014	550.00	0.006	310.00	0.306
780.00	-0.009	540.00	0.007	300.00	0.351
770.00	-0.012	530.00	0.008	290.00	0.394
760.00	-0.012	520.00	0.010	280.00	0.444
750.00	-0.012	510.00	0.014	270.00	0.499
740.00	-0.011	500.00	0.016	260.00	0.544

730.00	-0.010	490.00	0.017	250.00	0.586
720.00	-0.010	480.00	0.019	240.00	0.651
710.00	-0.009	470.00	0.023	230.00	0.746
700.00	-0.009	460.00	0.025	220.00	0.846
690.00	-0.009	450.00	0.028	210.00	0.950
680.00	-0.008	440.00	0.034	200.00	1.036
670.00	-0.009	430.00	0.037		

Sample Name: Sample 35 Rack 1 Tube 35

Collection Time 10/30/2019 5:23:10 PM

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

Wavelength (nm)	Abs
897.60	0.001
895.20	-0.002
888.80	-0.003
883.20	-0.007
873.60	-0.011
871.20	-0.004
863.20	-0.006
352.00	0.031

X-Y Pairs Table

Data Interval 10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.034	660.00	-0.013	420.00	0.002
890.00	-0.029	650.00	-0.012	410.00	0.005
880.00	-0.018	640.00	-0.012	400.00	0.010
870.00	-0.011	630.00	-0.013	390.00	0.008
860.00	-0.022	620.00	-0.013	380.00	0.011
850.00	-0.013	610.00	-0.011	370.00	0.016
840.00	-0.013	600.00	-0.010	360.00	0.019
830.00	-0.013	590.00	-0.009	350.00	0.017
820.00	-0.010	580.00	-0.004	340.00	0.056
810.00	-0.013	570.00	-0.008	330.00	0.060
800.00	-0.015	560.00	-0.009	320.00	0.069
790.00	-0.012	550.00	-0.007	310.00	0.078
780.00	-0.011	540.00	-0.007	300.00	0.089
770.00	-0.013	530.00	-0.005	290.00	0.099
760.00	-0.013	520.00	-0.003	280.00	0.112
750.00	-0.015	510.00	-0.002	270.00	0.128
740.00	-0.013	500.00	-0.002	260.00	0.139
730.00	-0.013	490.00	-0.002	250.00	0.147
720.00	-0.012	480.00	-0.002	240.00	0.158
710.00	-0.014	470.00	0.000	230.00	0.176
700.00	-0.014	460.00	-0.001	220.00	0.206
690.00	-0.013	450.00	-0.002	210.00	0.242
680.00	-0.011	440.00	0.001	200.00	0.269
670.00	-0.012	430.00	0.002		

Sample Name: Sample 36 Rack 1 Tube 36

Collection Time 10/30/2019 5:26:23 PM

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

Wavelength (nm)	Abs
898.40	0.014
896.00	0.005
888.80	0.009
886.40	-0.003
881.60	-0.014
879.20	-0.006
877.60	-0.005
872.00	-0.007

867.20 -0.008
353.60 0.044

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.042	660.00	-0.012	420.00	0.004
890.00	-0.022	650.00	-0.012	410.00	0.006
880.00	-0.017	640.00	-0.012	400.00	0.009
870.00	-0.015	630.00	-0.012	390.00	0.012
860.00	-0.020	620.00	-0.013	380.00	0.014
850.00	-0.011	610.00	-0.011	370.00	0.022
840.00	-0.017	600.00	-0.010	360.00	0.031
830.00	-0.011	590.00	-0.008	350.00	0.029
820.00	-0.013	580.00	-0.004	340.00	0.070
810.00	-0.015	570.00	-0.007	330.00	0.075
800.00	-0.014	560.00	-0.010	320.00	0.085
790.00	-0.012	550.00	-0.007	310.00	0.096
780.00	-0.010	540.00	-0.008	300.00	0.110
770.00	-0.013	530.00	-0.007	290.00	0.124
760.00	-0.013	520.00	-0.006	280.00	0.139
750.00	-0.015	510.00	-0.003	270.00	0.158
740.00	-0.012	500.00	-0.002	260.00	0.172
730.00	-0.013	490.00	-0.003	250.00	0.180
720.00	-0.012	480.00	-0.001	240.00	0.197
710.00	-0.014	470.00	0.000	230.00	0.220
700.00	-0.013	460.00	0.000	220.00	0.251
690.00	-0.013	450.00	-0.001	210.00	0.289
680.00	-0.011	440.00	0.002	200.00	0.326
670.00	-0.013	430.00	0.003		

Sample Name: Sample 37 Rack 1 Tube 37

Collection Time 10/30/2019 5:29:36 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
896.80	0.003
894.40	0.006
892.80	-0.007
888.80	0.010
885.60	-0.005
881.60	0.000
879.20	-0.008
873.60	-0.008
872.00	-0.005
854.40	-0.007
352.80	0.045

X-Y Pairs Table
Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.041	660.00	-0.013	420.00	0.004
890.00	-0.001	650.00	-0.012	410.00	0.006
880.00	-0.011	640.00	-0.012	400.00	0.010
870.00	-0.012	630.00	-0.013	390.00	0.013
860.00	-0.023	620.00	-0.012	380.00	0.014
850.00	-0.014	610.00	-0.011	370.00	0.022
840.00	-0.015	600.00	-0.010	360.00	0.030
830.00	-0.011	590.00	-0.008	350.00	0.030
820.00	-0.010	580.00	-0.004	340.00	0.065
810.00	-0.013	570.00	-0.008	330.00	0.072
800.00	-0.012	560.00	-0.009	320.00	0.084
790.00	-0.014	550.00	-0.007	310.00	0.093
780.00	-0.011	540.00	-0.008	300.00	0.103
770.00	-0.013	530.00	-0.007	290.00	0.115
760.00	-0.014	520.00	-0.005	280.00	0.130
750.00	-0.013	510.00	-0.004	270.00	0.145
740.00	-0.012	500.00	-0.004	260.00	0.158
730.00	-0.012	490.00	-0.003	250.00	0.169

720.00	-0.011	480.00	-0.002	240.00	0.185
710.00	-0.014	470.00	-0.002	230.00	0.206
700.00	-0.013	460.00	-0.002	220.00	0.233
690.00	-0.013	450.00	-0.002	210.00	0.266
680.00	-0.012	440.00	0.000	200.00	0.294
670.00	-0.013	430.00	0.002		

Sample Name: Sample 38 Rack 1 Tube 38

Collection Time 10/30/2019 5:32:47 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
894.40	0.007
890.40	-0.010
888.80	-0.002
885.60	-0.011
881.60	-0.011
879.20	-0.003
877.60	-0.003
870.40	-0.010
868.80	-0.009
352.80	0.004

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.071	660.00	-0.014	420.00	-0.007
890.00	-0.018	650.00	-0.014	410.00	-0.008
880.00	-0.011	640.00	-0.014	400.00	-0.007
870.00	-0.017	630.00	-0.016	390.00	-0.009
860.00	-0.018	620.00	-0.014	380.00	-0.011
850.00	-0.012	610.00	-0.013	370.00	-0.007
840.00	-0.017	600.00	-0.012	360.00	-0.005
830.00	-0.014	590.00	-0.011	350.00	-0.011
820.00	-0.015	580.00	-0.006	340.00	0.028
810.00	-0.014	570.00	-0.010	330.00	0.026
800.00	-0.013	560.00	-0.011	320.00	0.031
790.00	-0.014	550.00	-0.009	310.00	0.034
780.00	-0.013	540.00	-0.009	300.00	0.034
770.00	-0.013	530.00	-0.010	290.00	0.040
760.00	-0.014	520.00	-0.010	280.00	0.043
750.00	-0.015	510.00	-0.007	270.00	0.048
740.00	-0.013	500.00	-0.007	260.00	0.053
730.00	-0.014	490.00	-0.010	250.00	0.054
720.00	-0.014	480.00	-0.009	240.00	0.058
710.00	-0.015	470.00	-0.008	230.00	0.064
700.00	-0.014	460.00	-0.009	220.00	0.084
690.00	-0.015	450.00	-0.009	210.00	0.113
680.00	-0.014	440.00	-0.009	200.00	0.131
670.00	-0.014	430.00	-0.008		

Sample Name: Sample 39 Rack 1 Tube 39

Collection Time 10/30/2019 5:36:00 PM

Peak Table

Peak Style

Peak Threshold

Range

Peaks

0.0100

900.00nm to 200.00nm

Wavelength (nm)	Abs
898.40	0.006
895.20	-0.005
892.80	0.001
888.80	-0.001
881.60	-0.013
879.20	-0.006
872.00	-0.008

863.20 -0.007

X-Y Pairs Table

Data Interval

10.00

Wavelength (nm)	Abs	Wavelength (nm)	Abs	Wavelength (nm)	Abs
900.00	-0.034	660.00	-0.015	420.00	-0.010
890.00	-0.009	650.00	-0.015	410.00	-0.009
880.00	-0.020	640.00	-0.014	400.00	-0.010
870.00	-0.014	630.00	-0.016	390.00	-0.011
860.00	-0.026	620.00	-0.015	380.00	-0.013
850.00	-0.015	610.00	-0.015	370.00	-0.009
840.00	-0.017	600.00	-0.013	360.00	-0.006
830.00	-0.016	590.00	-0.012	350.00	-0.007
820.00	-0.017	580.00	-0.007	340.00	0.019
810.00	-0.015	570.00	-0.010	330.00	0.018
800.00	-0.014	560.00	-0.013	320.00	0.020
790.00	-0.016	550.00	-0.010	310.00	0.021
780.00	-0.014	540.00	-0.011	300.00	0.021
770.00	-0.015	530.00	-0.010	290.00	0.021
760.00	-0.016	520.00	-0.008	280.00	0.023
750.00	-0.015	510.00	-0.006	270.00	0.026
740.00	-0.014	500.00	-0.007	260.00	0.027
730.00	-0.015	490.00	-0.009	250.00	0.026
720.00	-0.013	480.00	-0.009	240.00	0.027
710.00	-0.015	470.00	-0.009	230.00	0.026
700.00	-0.015	460.00	-0.010	220.00	0.027
690.00	-0.015	450.00	-0.011	210.00	0.029
680.00	-0.014	440.00	-0.010	200.00	0.033
670.00	-0.015	430.00	-0.009		