

	Scale	Wavelength (nm)	Absorbance Before (Au)	Absorbance After (Au)	Percent Difference (%)	Mean Difference	Standard Deviation	Interval	Lower Bound	Upper Bound	Confidence Interval
0	5.0	330.0	0.43232	0.39248	-9.215346	-0.03984	0.000493	0.000612	-0.040452	-0.039228	-0.03984 Â± 0.00061
1	10.0	330.0	0.43232	0.36526	-15.511654	-0.06706	0.000089	0.000111	-0.067171	-0.066949	-0.06706 Â± 0.00011
2	15.0	330.0	0.43230	0.35950	-16.840152	-0.07280	0.000173	0.000215	-0.073015	-0.072585	-0.0728 Â± 0.00022
3	20.0	330.0	0.43230	0.33444	-22.637034	-0.09786	0.000385	0.000478	-0.098338	-0.097382	-0.09786 Â± 0.00048

	Scale	Wavelength (nm)	Absorbance Before (Au)	Absorbance After (Au)	Percent Difference (%)	Mean Difference	Standard Deviation	Interval	Lower Bound	Upper Bound	Confidence Interval
0	5.0	330.0	0.05878	0.01248	-78.768482	-0.04630	0.000292	0.000362	-0.046662	-0.045938	-0.0463 ± 0.00036
1	10.0	330.0	0.05886	0.00936	-84.096797	-0.04950	0.000430	0.000534	-0.050034	-0.048966	-0.0495 ± 0.00053
2	15.0	330.0	0.05878	0.00552	-90.608298	-0.05326	0.000472	0.000586	-0.053846	-0.052674	-0.05326 ± 0.00059
3	20.0	330.0	0.05878	0.00238	-95.952580	-0.05640	0.000071	0.000088	-0.056488	-0.056312	-0.0564 ± 9e-05

	Scale	Wavelength (nm)	Absorbance Before (Au)	Absorbance After (Au)	Percent Difference (%)	Mean Difference	Standard Deviation	Interval	Lower Bound	Upper Bound	Confidence Interval
0	5.0	330.0	0.05744	0.05622	-2.122497	-0.00122	0.000277	0.000345	-0.001565	-0.000875	-0.00122 Â± 0.00034
1	10.0	330.0	0.05752	0.04248	-26.147878	-0.01504	0.000152	0.000188	-0.015228	-0.014852	-0.01504 Â± 0.00019
2	15.0	330.0	0.05744	0.03658	-36.313633	-0.02086	0.000527	0.000655	-0.021515	-0.020205	-0.02086 Â± 0.00065
3	20.0	330.0	0.05744	0.02836	-50.625188	-0.02908	0.000396	0.000492	-0.029572	-0.028588	-0.02908 Â± 0.00049

	Scale	Wavelength (nm)	Absorbance Before (Au)	Absorbance After (Au)	Percent Difference (%)	Mean Difference	Standard Deviation	Interval	Lower Bound	Upper Bound	Confidence Interval
0	5.0	330.0	0.45920	0.38926	-15.230832	-0.06994	0.000195	0.000242	-0.070182	-0.069698	-0.06994 Å± 0.00024
1	10.0	330.0	0.45922	0.32760	-28.661653	-0.13162	0.000370	0.000460	-0.132080	-0.131160	-0.13162 Å± 0.00046
2	15.0	330.0	0.45920	0.29850	-34.995650	-0.16070	0.000265	0.000329	-0.161029	-0.160371	-0.1607 Å± 0.00033
3	20.0	330.0	0.45920	0.28544	-37.839722	-0.17376	0.000270	0.000335	-0.174095	-0.173425	-0.17376 Å± 0.00034

	Scale	Wavelength (nm)	Absorbance Before (Au)	Absorbance After (Au)	Percent Difference (%)	Mean Difference	Standard Deviation	Interval	Lower Bound	Upper Bound	Confidence Interval
0	5.0	330.0	0.16838	0.15832	-5.974564	-0.01006	0.000182	0.000226	-0.010286	-0.009834	-0.01006 Â± 0.00023
1	10.0	330.0	0.16844	0.15350	-8.869338	-0.01494	0.000397	0.000494	-0.015434	-0.014446	-0.01494 Â± 0.00049
2	15.0	330.0	0.16838	0.14944	-11.248409	-0.01894	0.000182	0.000226	-0.019166	-0.018714	-0.01894 Â± 0.00023
3	20.0	330.0	0.16838	0.14056	-16.522154	-0.02782	0.000239	0.000296	-0.028116	-0.027524	-0.02782 Â± 0.0003