

E3-A

	ReferenceNum	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	0.43230	0.33562	-22.364095	-0.09668	0.000141	0.000296	-0.083296	-0.082704	-0.083 Å± 0.00018
1	4.0	330.0	0.43254	0.38444	-11.120359	-0.04810	0.000089	0.000263	-0.067323	-0.066797	-0.06706 Å± 0.00011
2	3.0	330.0	0.43242	0.42862	-0.878722	-0.00380	0.000469	0.000582	-0.004382	-0.003218	-0.0038 Å± 0.00058
3	2.0	330.0	0.43232	0.36526	-15.511654	-0.06706	0.000212	0.000111	-0.048211	-0.047989	-0.0481 Å± 0.00026
4	1.0	330.0	0.43234	0.34934	-19.197862	-0.08300	0.000239	0.000176	-0.096856	-0.096504	-0.09668 Å± 0.0003

E3-AA

	ReferenceNum	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	0.05836	0.05346	-8.394939	-0.00490	0.000387	0.000465	-0.020565	-0.019635	-0.0201 Å±0.00048
1	4.0	330.0	0.05842	0.04644	-20.504327	-0.01198	0.000430	0.000592	-0.050092	-0.048908	-0.0495 Å±0.00053
2	3.0	330.0	0.05830	0.05054	-13.310498	-0.00776	0.000261	0.000324	-0.008084	-0.007436	-0.00776 Å±0.00032
3	2.0	330.0	0.05886	0.00936	-84.096797	-0.04950	0.000476	0.000534	-0.012514	-0.011446	-0.01198 Å±0.00059
4	1.0	330.0	0.05846	0.03836	-34.381714	-0.02010	0.000374	0.000481	-0.005381	-0.004419	-0.0049 Å±0.00046

E3-CAM

	ReferenceNum	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	0.05736	0.03642	-36.503851	-0.02094	0.000371	0.000637	-0.014677	-0.013403	-0.01404 Å± 0.00046
1	4.0	330.0	0.05752	0.05542	-3.650438	-0.00210	0.000152	0.000329	-0.015369	-0.014711	-0.01504 Å± 0.00019
2	3.0	330.0	0.05748	0.04642	-19.241172	-0.01106	0.000230	0.000286	-0.011346	-0.010774	-0.01106 Å± 0.00029
3	2.0	330.0	0.05752	0.04248	-26.147878	-0.01504	0.000265	0.000188	-0.002288	-0.001912	-0.0021 Å± 0.00033
4	1.0	330.0	0.05758	0.04354	-24.382932	-0.01404	0.000513	0.000461	-0.021401	-0.020479	-0.02094 Å± 0.00064

E3-EA

	ReferenceNum	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	0.45942	0.27148	-40.908045	-0.18794	0.000110	0.000783	-0.230863	-0.229297	-0.23008 Â± 0.00014
1	4.0	330.0	0.45940	0.39534	-13.944256	-0.06406	0.000370	0.000417	-0.132037	-0.131203	-0.13162 Â± 0.00046
2	3.0	330.0	0.45938	0.40232	-12.421056	-0.05706	0.000344	0.000427	-0.057487	-0.056633	-0.05706 Â± 0.00043
3	2.0	330.0	0.45922	0.32760	-28.661653	-0.13162	0.000336	0.000460	-0.064520	-0.063600	-0.06406 Â± 0.00042
4	1.0	330.0	0.45942	0.22934	-50.080544	-0.23008	0.000631	0.000136	-0.188076	-0.187804	-0.18794 Â± 0.00078

E3-SA

	ReferenceNum	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	0.16842	0.09860	-41.455886	-0.06982	0.000268	0.000222	-0.061042	-0.060598	-0.06082 Å± 0.00033
1	4.0	330.0	0.16830	0.15350	-8.793763	-0.01480	0.000397	0.000263	-0.015203	-0.014677	-0.01494 Å± 0.00049
2	3.0	330.0	0.16844	0.14636	-13.108024	-0.02208	0.000572	0.000710	-0.022790	-0.021370	-0.02208 Å± 0.00071
3	2.0	330.0	0.16844	0.15350	-8.869338	-0.01494	0.000212	0.000494	-0.015294	-0.014306	-0.0148 Å± 0.00026
4	1.0	330.0	0.16822	0.10740	-36.154962	-0.06082	0.000179	0.000333	-0.070153	-0.069487	-0.06982 Å± 0.00022