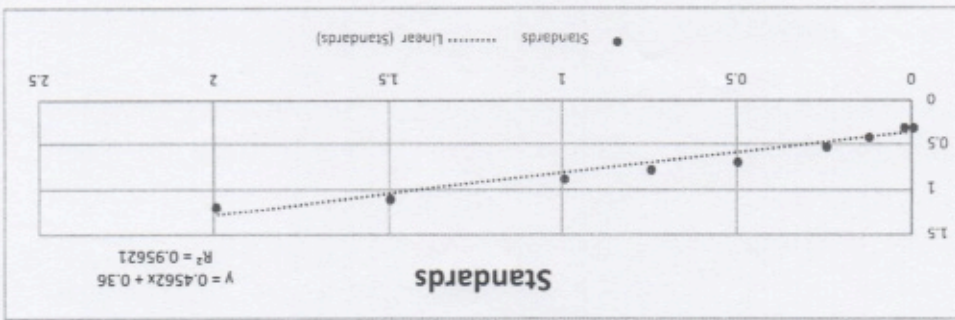


# Standard Curve @ 595nm

Standards				mg/ml [(y-yint)/(m) ul dilution factor				ul stock for 0.2ug			
rep1	rep2	rep3	avg	conc (x)	slope (m) of equation y=intercept (b)						
a	1.148	1.175	1.199	1.174	2	0.4562	0.36				
b	1.002	1.088	1.158	1.082666667	1.5						
c	0.844	0.942	0.809	0.865	1						
d	0.669	0.793	0.807	0.756333333	0.75						
e	0.698	0.675	0.678	0.683666667	0.5						
f	0.489	0.494	0.525	0.502666667	0.25						
h	0.408	0.383	0.399	0.396666667	0.125						
g	0.243	0.324	0.315	0.294	0.025						
i	0.292	0.29	0.292	0.291333333	0						

0304-8	100%	1.059	1.052	1.041	1.050666667	1.513955867	1.513955867	0.132104247	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-8	50%	0.902	0.86	0.84	0.867333333	1.112085343	0.22431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-8	10%	0.454	0.473	0.46	0.462333333	0.22431682	0.022431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-9	100%	0.956	0.966	0.996	0.972666667	1.342978226	1.342978226	0.148922742	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-9	50%	0.818	0.772	0.826	0.805333333	0.976180038	0.22431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-9	10%	0.393	0.384	0.414	0.397	0.081104779	0.022431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-10	100%	0.664	0.711	0.658	0.677666667	0.696332018	0.360222125	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-10	50%	0.547	0.541	0.485	0.524333333	0.360222125	0.022431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-10	10%	0.355	0.352	0.33	0.345666667	-0.031418968	-0.031418968	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-11	100%	1.269	1.18	1.085	1.178	1.793073214	1.793073214	0.148922742	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-11	50%	0.823	0.898	0.993	0.904666667	1.193920795	0.696332018	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-11	10%	0.431	0.416	0.457	0.434666667	0.163670905	0.022431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-12	100%	0.948	0.864	0.997	0.936333333	1.263334795	1.263334795	0.148922742	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-12	50%	0.677	0.618	0.625	0.64	0.613765892	0.360222125	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-12	10%	0.367	0.399	0.37	0.378666667	0.040917726	0.022431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-13	100%	1	1.157	1.057	1.071333333	1.559257636	1.559257636	0.148922742	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-13	50%	0.767	0.85	0.873	0.83	1.03024989	0.696332018	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-13	10%	0.449	0.451	0.45	0.45	0.1972281894	0.022431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-14	100%	1.251	1.342	0.986	1.193	1.825953529	1.825953529	0.148922742	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-14	50%	0.955	0.968	0.966	0.963	1.321788689	0.696332018	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345
0304-14	10%	0.545	0.532	0.583	0.553333333	0.423790735	0.022431682	1.342978226	0.359684625	8.915960912	0.148922742	0.409760479	24.65945946	0.287219307	1.110425963	-63.65581395	0.111540342	0.3350306	12.21964286	0.158311163	0.306882946	0.004091773	48.87857143	0.128266167	0.388255319	10.13777778	0.109531813	0.302620232	4.719310345



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