

CoulterSurvival

Experiment: 6
 Date/Time: #####

Tube #	Coulter count			Average Cells/ml	Hemocytometer Count in Grid				
	1st	2nd	3rd		1st	2nd	3rd	4th	
1	3642	3420	3681	3581	1427600				
2	3584	3611	3603	3599	1434933				
3	3942	3986	3899	3942	1572133				
4	3691	3715	3671	3692	1472133				
5	3879	3764	4033	3892	1552000				
6	3381	3457	3429	3422	1364133				
7	3177	3184	3164	3175	1265200				
8	2683	2560	2568	2604	1036667				
9	2595	2538	2661	2598	1034400				
10	2687	2770	2835	2764	1100800				

Tube #	Predicted # Cells Seeded	Actual # Cells Seeded	Colony count			Average	PE (%)	SF	SF
			1st	2nd	3rd			Uncorrected	Corrected
1	200	143	105	104	98	95	66.258	1.00	1.0000
2	200	143	97	78	87				
3	200	157	55	66	61	61	38.589	0.6397	0.5824
4	200	147	56	48	41	48	32.832	0.5097	0.4955
5	200	155	47	44		46	29.317	0.4798	0.4425
6	200	136	31	39	42	37	27.368	0.3937	0.4130
7	200	127	34	28	24	29	22.658	0.3023	0.3420
8	200	104	16	26	14	19	18.006	0.1968	0.2718
9	2000	1034	164	175	158	166	16.016	0.1747	0.2417
10	2000	1101	139	170	156	155	14.081	0.1634	0.2125