		Date
Beer	bbls	°Plato
Generation	_	
% Viability	<u> </u>	
Gal of yeast needed	_	
Number of cells counted slide	1	
Number of cells counted slide 2	2	
Average number of cells count	ed	
	able cells/mL wort = viable cells/m Plato	nL wort =
bbl wort x <u>117.35L wo</u> 1bbl wort	rt x 1000mL wort x viable cells 1L wort mL wort	= total cells needed =
(average # cells counted)(5 Chamber volume (0.0002	<u>s)(dilution)</u> = yeast cells/mL of slur 1mL ³)	rry =
Total cells needed Yeast cells/mL of slurry	= mL yeast slurry requi	ired =
Convert to gallons		
mL slurry x _	<u>1gal slurry</u> = gal slurry = 785 mL slurry	
Viability	0/ differen	ce between two slides
Viability		
Total number of cells counted		between slide 1 and 2
Number of blue cells	Average of	f slide 1 + total slide 2
# blue cells – total # cells x 1 total # cells	00 = % viability (Difference	e/average) X 100