2016/02/13 - Centennial Blond

Name	Centennial Blond			
Style	Blonde Ale		Brew Date	2016-02-13
Туре	All Grain		Boil Size	14.5 gal
IBU's	27.6		Batch Size	12.0 gal
Color	3.6 SRM		Boil Time	60 min
	Estimated		Actual	
Pre-Boil OG	1.043			
OG	1.049		1.052	
FG	1.012		1.012	
ABV	4.8%		4.8%	
Efficiency	80.0%			
Grain	20.0 lbs	Pilsner (2 Ro	w) Ger	93.0%
		• 2014 Fa	all	
	1.5 lbs	Carafoam		7.0%
Mash	75 mins	150 F	Infusion	
	10 mins	168 F	Mash Out	
Hops	60 mins	0.5 oz	Centennial (10.5%)	8.0 IBU
	35 mins	0.5 oz	Centennial (10.5%)	6.7 IBU
	20 mins	1.0 oz	Centennial (10.5%)	9.7 IBU
	5 mins	1.0 oz	Centennial (10.5%)	3.2 IBU
Additions	15 min	1.0	Whirlfloc Tablet	
Yeast	3.0	Safale US-05		
Fermentation	Primary	14 days	68.0 F	
	Cold Crash	2 days	37.0 F	
	Bottle/Keg	1 days	37.0 F	
Carbonation	Force Carbonation	15.9 psi	37.0 F	

Notes	Did water adjustments to balanced and mash ph was 5.4 without adjustment. So nothing a	
	Set HLT to 160. Then mashed in and set it to 152. Mash temp equalized at 149. Perfect. Apparent issue with micro controller has caused no logging. Sucks cuz it seemed pretty good.	
	Hit my numbers. Made almost 12 gallons.	
	After 2 weeks it's at 1012. Cold crashed started. Kinda a buttery taste to it. Diacetyl. Hmmm Hope that disappears. We shall see. Could also be the centennial dry hops. Still very drinkable. These comments are all from the sample jar.	