

2016/09/18 - Ahhh PA (Low IBU)

Name	Ahhh PA (Low IBU)			
Style	American IPA		Brew Date	2016-09-18
Type	All Grain		Boil Size	14.5 gal
IBU's	41.3		Batch Size	12.0 gal
Color	7.4 SRM		Boil Time	60 min
	Estimated		Actual	
Pre-Boil OG	1.050			
OG	1.056		1.052	
FG	1.011		1.015	
ABV	5.8%		5.8%	
Efficiency	80.0%			
Grain	23.0 lbs	Canadian 2-Row		91.1%
	1.2 lbs	Weyermann Caramunich II		5.0%
	1.0 lbs	Carafoam		4.0%
Mash	90 mins	158 F	Infusion	
Hops	60 mins	1.0 oz	Columbus (Tomahawk) (15.4%)	21.1 IBU
	5 mins	4.0 oz	Centennial (8.4%)	9.2 IBU
	5 mins	4.0 oz	Amarillo Gold (8.2%)	8.9 IBU
	day 7	3.0 oz	Citra (13.2%)	
	day 7	3.0 oz	Crystal (3.5%)	
Additions	15 min	1.0	Whirlfloc Tablet	
	15 min	1.0	Wort Immersion Chiller	
Yeast	3.0	Safale US-05		
Fermentation	Primary	14 days	67.0 F	
	Cold Crash	3 days	37.0 F	
	Bottle/Keg	0 days	37.0 F	

Carbonation	Force Carbonation	25.9 psi	65.0 F	
Notes	Did water adjustments Mashed in with mt temp at 162. Dropped to 153. Set HLT to 160. Looks like it hit 158 in the mash. Pre boil SG: 1060 1015 on day 15 so letting it sit a little while longer.			