

2017/11/26 - Ahhh PA (Lower IBU Original)

Name	Ahhh PA (Lower IBU Original)			
Style	American IPA	Brew Date	2017-11-26	
Type	All Grain	Boil Size	13.8 gal	
IBU's	40.6	Batch Size	12 gal	
Color	7.5 SRM	Boil Time	60 min	
	Estimated	Actual		
Pre-Boil OG	1.054	1.060		
OG	1.060	1.058		
FG	1.012			
ABV	6.3%			
Efficiency	80%			
Grain	24 lbs	Canadian 2-Row	91.4%	
	1 lbs	Carafoam	3.8%	
	1.25 lbs	Weyermann Caramunich II	4.8%	
Water Treatment		HTL (15 gal)	MT (8 gal)	
	Campden Tablets	1	1/2	
	Gypsum	1.5 g	0.8 g	
	Calc Chloride	9.6 g	5.1 g	
	Epson Salt	6.2 g	3.3 g	
	Baking Soda	0.8 g	0.4 g	
Mash	90 mins	158 F	Infusion	
Hops	60 mins	2.2 oz	Amarillo Gold (7.0%)	21.7 IBU
	5 mins	4.0 oz	Centennial (8.8%)	9.7 IBU
	5 mins	4.8 oz	Amarillo Gold (7.0%)	9.1 IBU
	day 7	3.0 oz	Citra (13.2%)	
	day 7	3.0 oz	Crystal (3.5%)	
Additions	15 mins	1	Whirfloc Tablet	
	15 mins	1	Immersion Chiller	
Yeast	3 sachets	Safale US-05		
Fermentation	Primary	14 days	67 F	
	Cold Crash	3 days	37 F	

Notes	Didn't do ph adjustments
	Did water adjustments.
	15g hlt/8g Mash
	Gypsum: 1.5/0.8g
	Calc Chloride: 9.6/5.1g
	Epson Salt: 6.2/3.3g
	Baking Soda: 0.8/0.4g
	HLT set to 162
	Mashed in and set hlt to 158.
	Pre boil og 1060
	Og: 1058
	--- 2023--
	Looks like this should have come out to estimation.