

2014/11/22 - Bitter Get Two (Bitter Mutt)

Name	Bitter Get Two (Bitter Mutt)			
Style	Extra Special/Strong Bitter		Brew Date	2014-11-22
Type	All Grain		Boil Size	14.5 gal
IBU's	39.6		Batch Size	11.0 gal
Color	10.0 SRM		Boil Time	60 min
	Estimated		Actual	
Pre-Boil OG	1.043			
OG	1.048		1.046	
FG	1.012		1.016	
ABV	4.7%		4.7%	
Efficiency	80.0%			
Grain	11.4 lbs	Pale Malt, Maris Otter		54.3%
	6.4 lbs	Pilsner (2 Row) Ger		30.5%
	1.2 lbs	Weyermann Bohemian Pilsner		5.7%
	2.0 lbs	Weyermann Caramunich II		9.5%
Mash	90 mins	158 F	Infusion	
Hops	60 mins	3.2 oz	Goldings, East Kent (6.1%)	32.7 IBU
	10 mins	2.0 oz	Fuggles (4.5%)	5.5 IBU
	5 mins	1.0 oz	Fuggles (4.5%)	1.5 IBU
Additions	15 min	1.0	Whirlfloc Tablet	
Yeast	2.0	Safale S-04		
Fermentation	Primary	14 days	68.0 F	
	Cold Crash	2 days	32.0 F	
	Bottle/Keg	1 days	32.0 F	

Notes	11 lb 6 oz marris Up to 17 lbs 12 oz pilsner Rest bohemian pilsner Possible Beer Names Mix Mash Bitter Mutt 1018 on Sunday Nov 30. 9 days Too cold?
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