

2017/02/20 - Helles Ale (MDA) LITE

Name	Helles Ale (MDA) LITE			
Style	Munich Helles		Brew Date	2017-02-20
Type	All Grain		Boil Size	7.2 gal
IBU's	27.2		Batch Size	5.0 gal
Color	8.5 SRM		Boil Time	60 min
	Estimated		Actual	
Pre-Boil OG	1.135			
OG	1.164		1.030	
FG	1.041		1.010	
ABV	16.1%		16.1%	
Efficiency	80.0%			
Grain	34.0 lbs	Canadian 2-Row 2014 Fall		97.1%
	1.0 lbs	Weyermann Carafoam		2.9%
Mash	75 mins	150 F	Infusion	
	10 mins	168 F	Mash Out	
Hops	60 mins	5.0 oz	Saaz (3.0%)	19.6 IBU
	15 mins	1.0 oz	Saaz (4.0%)	2.6 IBU
Additions	15 min	1.0	Whirfloc Tablet	
	15 min	0.0	Wort Immersion Chiller	
Yeast	1.0	Safale US-05		
Fermentation	Primary	14 days	53.0 F	
	Cold Crash	3 days	37.0 F	
	Lager	28 days	53.0 F	
	Bottle/Keg	0 days	37.0 F	

Notes	Second running Og: 1030 Sample tested quite bitter and not very sweet.
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