

Galaxy Pale Ale - American Pale Ale (10A)

Batch Size	5.500 gal	Boil Size	7.000 gal
Boil Time	60.000 min	Efficiency	82%
OG	1.050	FG	1.010
ABV	5.2%	IBU	31.7 (Tinseth)
Color	4.0 srm (Morey)	Calories (per 12 oz.)	165

Fermentables

Total grain: 9.875 lb

Name	Type	Amount	Mashed	Late	Yield
Weyermann - Bohemian Pilsner Malt	Grain	5.500 lb	Yes	No	81%
Simpsons - Maris Otter	Grain	4.000 lb	Yes	No	81%
Briess - Carapils Malt	Grain	6.000 oz	Yes	No	74%

Hops

Name	Alpha	Amount	Use	Time	Form	IBU
Galaxy	14.0%	1.000 oz	Boil	20.000 min	Pellet	25.4
Galaxy	14.0%	0.750 oz	Boil	5.000 min	Pellet	6.3
Galaxy	14.0%	1.000 oz	Boil	0.000 s	Pellet	0.0
Galaxy	14.0%	1.000 oz	Dry Hop	0.000 s	Pellet	0.0

Yeast

Name	Type	Form	Amount	Stage
Danstar - Nottingham	Ale	Dry	2.232 tsp	Primary

Mash

Name	Type	Amount	Temp	Target Temp
	Infusion	3.086 gal	163.730 F	151.000 F
Final Batch Sparge	Infusion	5.198 gal	175.544 F	165.200 F