06: 1.058 IG: 1.009 May 7 FG:

Apr 28, 2013 Pre-boil Gravity: Cerment @ 68-70F

Type: All Grain

Batch Size (fermenter): 10.00 gal

Boil Size: 14.44 gal

Boil Time: 90 min

End of Boil Volume 11.44 gal Final Bottling Volume: 9.25 gal

Fermentation: Ale, Two Stage

Taste Notes:

Date: 01/01/2012

Brewer: Brew Like A Monk

Asst Brewer:

Equipment: Stainless Kegs (10 Gal/37.8 L) - All Grain

Brewhouse Efficiency: 72.00 %

Est Mash Efficiency 80.7 %

Taste Rating(out of 50): 30.0

Ingred	ients
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Amt	Name	Type	#	%/IBU
	Pilsner (2 Row) Bel (2.0 SRM)	Grain	1	58.3 %
	Wheat Malt, Bel (2.0 SRM)	Grain	2	7.3 %
- 1 lbs 6.1 02 80Z	Aromatic Malt (26.0 SRM)	Grain	3	5.7 %
- 14.40Z 160Z	Munich Malt (9.0 SRM)	Grain	4	3.7 %
= 12.0 oz	Biscuit Malt (23.0 SRM)	Grain	5	3.1 %
= 12.0 oz	Caramunich Malt (56.0 SRM)	Grain	6	3.1 %
- 12.00x 14/202	Honey Malt (Gambrinus) (25.0 SRM)	Grain	7	3.1 %
	Special B Malt (180.0 SRM)	Grain	8	3.1 %
	DME Dark Traditional (Briess) (8.0 SRM)	Dry Extract	9	4.2 %
2 lbs	Candi Sugar, Dark (275.0 SRM)	Sugar	10	8.3 %
	Styrian Goldings [5.40 %] - Boil 90.0 min	Нор	11	9.9 IBUs
	Liberty [4.30 %] - Boil 60.0 min	Нор	12	5.5 IBUs
	Trappist High Gravity (Wyeast Labs #3787) [124.21 ml]	Yeast	13	- U

802

Raisins @ end of boil.

Wyeast 1214 Belgian Ale

Est Original Gravity: 1.066 SG

Est Final Gravity: 1.011 SG

Estimated Alcohol by Vol: 7.3 %

Bitterness: 15.4 IBUs

Est Color: 29.3 SRM

Measured Original Gravity: 1.046 SG

Measured Final Gravity: 1.010 SG

Actual Alcohol by Vol: 4.7 %

Calories: 151.6 kcal/12oz

Mash Name: Single Infusion, Medium Body, Batch Sparge

Total Grain Weight: 24 lbs 0.5 oz

Sparge Water: 10.39 gal

Grain Temperature: 72.0 F

Sparge Temperature: 168.0 F

Tun Temperature: 72.0 F

Adjust Temp for Equipment:

FALSE

Mash PH: 5.20

### **Mash Steps**

Name

Description

Temperature Step Time

Mash In

Add 30.29 qt of water at 162.1 F

152.0 F

60 min

Sparge Step: Batch sparge with 2 steps (2.67gal, 7.72gal) of 168.0 F water

Mash Notes: Simple single infusion mash for use with most modern well modified grains (about 95% of the time).

Carbonation Type: Bottle

Volumes of CO2: 2.3

Pressure/Weight: 7.27 oz

Carbonation Used: Bottle with 7.27 oz Corn Sugar

Keg/Bottling Temperature: 70.0 F

Age for: 30.00 days

Fermentation: Ale, Two Stage

Storage Temperature: 65.0 F

Created with BeerSmith

OG: 1.056

IG;

AP3

Apr 19,2013

pre-boil gravity: 1.044

# American Premium Pilsner

Classic American Pilsnei

Type: All Grain

Batch Size (fermenter): 10.00 gal

Boil Size: 14.44 gal

Boil Time: 90 min

End of Boil Volume 11.44 gal Final Bottling Volume: 9.25 gal

Fermentation: Ale, Two Stage

Taste Notes:

Date: 01/01/2012

Brewer: The Home Brewing Guide

Asst Brewer:

Equipment: Stainless Kegs (10 Gal/37.8 L) - All Grain

Brewhouse Efficiency: 72.00 % Est Mash Efficiency 79.8 %

Taste Rating(out of 50): 30.0

## Ingredients

<b>Ingredients</b>	Ina	red	ients
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	11131.531151115			
Amt	Name	Type	#	%/IBU
14 lbs	Pale Malt (2 Row) US (2.0 SRM)	Grain	1	66.9 %
2 lbs	Rice, Flaked (1.0 SRM)	Grain	2	9.6 %
1 lbs 9.0 oz	Corn, Flaked (1.3 SRM)	Grain	3	7.5 %
1 lbs 5.0 oz	Barley, Flaked (1.7 SRM)	Grain	4	6.3 %
12.0 oz	Vienna Malt (Briess) (3.5 SRM)	Grain	5	3.6 %
5.0 oz	Munich 10L (Briess) (10.0 SRM)	Grain	6	1.5 %
1 lbs	DME Golden Light (Briess) (4.0 SRM)	Dry Extract	7	4.8 %
1.50 oz	Saaz [4.00 %] - Boil 90.0 min	Нор	8	11.8 IBUs
0.50 oz	Saaz [4.00 %] - Boil 30.0 min	Нор	9	2.8 IBUs
1.00 oz	Irish Moss (Boil 10.0 mins)	Fining	10	-
8.00 oz	Malto-Dextrine (Boil 5.0 mins)	Other	11	-
2.00 oz	Cascade [5.50 %] - Boil 2.0 min	Hop	12	1.7 IBUs
1.0 pkg	California Lager (Wyeast Labs #2112) [124.21 ml]	Yeast	13	-

### Beer Profile

Est Original Gravity: 1.056 SG

Est Final Gravity: 1.014 SG

Estimated Alcohol by Vol: 5.4 %

Bitterness: 16.4 IBUs

Est Color: 3.9 SRM

Measured Original Gravity: 1.046 SG

Measured Final Gravity: 1.010 SG

Actual Alcohol by Vol: 4.7 %

Calories: 151.6 kcal/12oz

## Mach Profile

Boil rice for 30 mins

Mash in @ 94f & rest for 30 mins

Raise to 122f for 30 mins

Raise to 140f for 15 mins

Raise to 153f for 45 mins

Raise to 158f for 20 mins

V Mashowt @ 168 f for 10 mins V Sparge@ 168 f

Ferment @ 46-50f Lager @ 34-35f Mash Name: Single Infusion, Light

Body, No Mash Out

Total Grain Weight: 20 lbs 14.9 oz

Sparge Water: 10.60 gal

Grain Temperature: 72.0 F

Sparge Temperature: 168.0 F

Tun Temperature: 72.0 F

Adjust Temp for Equipment: TRUE Mash PH: 5.20

## **Mash Steps**

Name

Description

Step

Temperature<sup>Step</sup> Time

Mash In

Add 28.91 qt of water at 162.6 F

150.0 F

75 min

Sparge Step: Fly sparge with 10.60 gal water at 168.0 F

Mash Notes: Simple single infusion mash for use with most modern well modified grains (about 95% of the time).

Carbonation Type: Bottle

Volumes of CO2: 2.3

Pressure/Weight: 7.27 oz

Carbonation Used: Bottle with 7.27 oz Corn Sugar

Keg/Bottling Temperature: 70.0 F Age for: 30.00 days

Fermentation: Ale, Two Stage

Storage Temperature: 65.0 F

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