



American Homebrewers Association®

# BIG BREW

2014

## Regal Pale Ale - Extract

### American Pale Ale

Recipe for 5 gallons (18.93 L)

#### Fermentables

6.6 lb (3.0 kg) Light Liquid Malt Extract  
8.0 oz (227 g) 20° L crystal malt  
4.0 oz (113 g) 80° L crystal malt  
4.0 oz (113 g) CaraVienne® malt  
5.0 oz (198 g) wheat malt

#### Hops

0.4 oz (11 g) Nugget pellets, 13% a.a. (60 min)  
1.0 oz (28 g) Cascade pellets, 5.5% a.a. (5 min)  
0.5 oz (14 g) Nelson Sauvin pellets, 12.5% a.a.  
(5 min)  
1.0 oz (28 g) Cascade pellets, 5.5% a.a. (dry)  
1.0 oz (28 g) Nelson Sauvin pellets, 12.5% a.a.  
(dry)

#### Yeast

White Labs WLP001 California Ale, Wyeast  
1056 American Ale, Safale US-05 Ale, or Danstar  
BRY-97

#### Brewers Specifics

- Put 2 gallons (7.6 L) of water in the boil pot and heat to 160°F (71°C). While the water is heating, put the specialty grains (20° L crystal malt, CaraVienne® and 80° L crystal malts) into a grain bag and tie off the ends so the grains can't escape.
- Once the water has reached 150-170°F (65.6-76.7°C), immerse the grain bag in the water for 30 minutes. For more information on steeping specialty grains, visit the Intermediate section of Let's Brew on the AHA website.
- After 30 minutes, remove the grain bag and let it drip until it stops. Add malt extract to the water and stir until totally dissolved.
- Bring to a rolling boil for 60 minutes, add hops at specified intervals from end of boil
- Strain wort into sanitized fermentation vessel with 2-3 gallons (7.6-11.4 L) of pre-boiled & chilled water for a total volume of 5 gallons (18.9 L)
- Pitch yeast when temperature reaches 67° F (19° C)
- Secure air lock or blow-off tube
- After 9 days, rack to secondary fermenter and dry hop
- Let rest another 9 days at 68° F (20° C)
- Keg at 2.5 volumes of CO<sub>2</sub> or bottle condition with 4 oz (113 g) corn sugar

Boil Time: 60 minutes

Original Gravity: 1.056 (14° P)

Final Gravity: 1.014 (3° P)

SRM: 8°

IBU: 26

ABV: 5.5%