



AMBER WAVES

Style: American Amber

Batch Size: 5 Gal
OG: 1.049-1.052
FG: 1.012-1.014
IBU: 35
SRM: 10
ABV: 5.1%

Recipe CK00047

GRAINS

12 oz. Caramel 10L
8 oz. Munich
4 oz. Caramel 120L

EXTRACTS/ADJUNCTS

6 lb. Light LME

1 Whirlfloc Tablet (15 min.)

HOPS/SPICES

0.5 oz. Magnum (60 min.)

1/4 oz. Each: Cascade, Centennial
(10 min.)

1/4 oz. Each: Cascade, Centennial,
(1 min.)

YEAST: 1st choice –WLP001 California Ale Yeast

2nd choice – Fermentis US-05

Brewing Instructions

1. Steep grains for 30 minutes @ 155 degrees.
2. Discard grain bag and bring kettle to a boil.
3. Add extracts stirring constantly until dissolved.
4. Lower heat and add first addition hops. 60 minute boil begins now. At this point you must not leave the kettle unattended – if a boil over begins, turn down the heat.
5. Raise heat to create a rolling boil.
6. Continue to add remaining ingredients as necessary. (note. times are based on remaining boil duration – example: (30 mins.) means add the ingredient when 30 minutes remain on the timer)
7. When boil is complete, turn off heat.
8. Cool the wort (unfermented beer) to 75 degrees.
9. Transfer to fermenter.
10. Aerate thoroughly, and then pitch the yeast.