

Barclay Perkins - KKKK (1869) - 10%

English Barleywine

Author: Ronald Pattinson

Type: All Grain

IBU : 106 (Tinseth)
 Colour : 18 EBC
 Carbonation : 2.1 CO2-vol

Pre-Boil Gravity : 1.074
 Original Gravity : 1.107
 Final Gravity : 1.031

Fermentables (2.63 kg)

2.625 kg - Mild Ale Malt 7 EBC (100%)
 ^ The Malt Miller (UK) MAL-00-012

Hops (67.5 g)

90 min - 21 g - East Kent Goldings (T90) - 5%...
 ^ The Malt Miller (UK) HOP-04-001
 60 min - 21 g - East Kent Goldings (T90) - 5%...
 ^ The Malt Miller (UK) HOP-04-001
 30 min - 21 g - East Kent Goldings (T90) - 5%...
 ^ The Malt Miller (UK) HOP-04-001

Dry Hops

7 days - 4.5 g - East Kent Goldings (T90) - 5%

Miscellaneous

Mash - 0.31 g - Epsom Salt (MgSO4)
 ^ Lot # /2119000091
 ^ Brouwstore (NL) 055.027.7
 Mash - 0.31 g - Gypsum (CaSO4)
 ^ The Malt Miller (UK) CHE-03-004
 Mash - 2.9 ml - Lactic Acid 80% 80%
 ^ Lot # 20200213
 ^ Brouwstore (NL) 003.002.3
 Sparge - 0.62 ml - Lactic Acid 80% 80%
 ^ Lot # 20200213
 ^ Brouwstore (NL) 003.002.3

Yeast

0.5 pkg - Wyeast Labs Whitbread Ale 1099

01 Brouwpunt 5L (90min) (rev 4)

Batch Size : 5.6 L
 Boil Size : 8.66 L
 Post-Boil Vol : 5.96 L

Mash Water : 7.88 L
 Sparge Water : 3.42 L
 Boil Time : 90 min
 Total Water : 11.3 L

Brewhouse Efficiency: 71.8%
 Mash Efficiency: 73.3%

Mash Profile

01 One Step Mash (60 min)
 68.7 °C - Strike Temp
 63 °C - 60 min - Temperature
 87 °C - 5 min - Sparge

Fermentation Profile

01 Ale + DR + Conditioning
 18 °C - 10 days - Primary
 21 °C - 4 days - Diacetyl rest
 18 °C - 120 days - Conditioning

Water Profile

NL Hoofddorp Rein Tap Water (2020-Q3 WQR) (St...
 Ca 46 Mg 13 Na 68 Cl 92 SO 75

SO/Cl ratio: 0.8
 Mash pH: 5.4
 Sparge pH: 6

Measurements

Mash pH:

Boil Volume:

Pre-Boil Gravity:

Post-Boil Kettle Volume:

Original Gravity:

Fermenter Top-Up:

Fermenter Volume:

Final Gravity:

Bottling Volume:



18 EBC

Recipe Notes

Target: ABV = 10.85 %, IBU = 181, EBC = 17.7, OG = 1.107, FG = 1.025.
<http://barclayperkins.blogspot.com/2020/12/lets-brew-wednesday-1869-barclay.html>