

10 EBC

Brewdog - #002 Punk IPA 2010 (clone) v2 - 5.8%

American Pale Ale Author: Brewdog

Type: All Grain

IBU : 36 (Tinseth)
Colour : 10 EBC
Carbonation : 2.4 CO2-vol

Pre-Boil Gravity : 1.039 Original Gravity : 1.053 Final Gravity : 1.009

Fermentables (1.35 kg)

1.247 kg - Extra Pale Malt 3 EBC (92.1%)

^ The Malt Miller (UK) MAL-00-057

77 g - Premium English Caramalt 60 EBC (5.7%)

^ The Malt Miller (UK) MAL-01-033

30 g - Sugar, Table (Sucrose) 2 EBC (2.2%)

^ Albert Heijn (NL)

Hops (73.8 g)

60 min - 2.3 g - Chinook - 11.3% (13 IBU) 60 min - 1.5 g - Willamette - 5.3% (4 IBU) 30 min - 2.2 g - Chinook - 11.3% (9 IBU)

30 min - 1.5 g - Willamette - 5.3% (3 IBU)

5 min - 2.9 g - Chinook - 11.3% (3 IBU)

5 min - 1.5 g - Nelson Sauvin - 10.7% (2 IBU)

5 min - 1.5 g - Simcoe - 13.3% (2 IBU) 5 min - 1.5 g - Willamette - 5.3% (1 IBU)

Dry Hops

Day 5 - 5.9 g - Nelson Sauvin - 10.7%

5 days - 14.7 g - Chinook - 11.3% 5 days - 11.8 g - Cascade - 5.5%

5 days - 11.8 g - Simcoe - 13.3%

5 days - 11.8 g - Simcoe - 13.3% 5 days - 11.8 g - Willamette - 5.3%

5 days - 2.9 g - Amarillo - 8.4%

Miscellaneous

Mash - 0.56 g - Epsom Salt (MgSO4)

^ Lot # /2119000091

^ Brouwstore (NL) 055.027.7

Mash - 1.6 ml - Lactic Acid 80% 80%

^ Lot # 20200213

^ Brouwstore (NL) 003.002.3

Yeast

0.5 pkg - Fermentis Safale American US-05

^ Lot # 52300 0623 225

^ The Malt Miller (UK) YEA-02-025

01 Brouwpunt 5L (60min) (rev 4)

Batch Size : 5.6 L Boil Size : 7.76 L

Post-Boil Vol : 5.96 L

Mash Water : 3.97 L Sparge Water : 5.18 L

Boil Time : 60 min Total Water : 9.15 L

Brewhouse Efficiency: 71.8%

Mash Efficiency: 73.3%

Mash Profile

High fermentability 72.1 °C - Strike Temp

66 °C - 75 min - Temperature

Fermentation Profile

Ale

19 °C - 14 days - Primary

Water Profile

NL Hoofddorp Rein Tap Water (2020-Q1 WQR) (St...

Ca 41 Mg 15 Na 67 Cl 71 SO 68

SO/Cl ratio: 1 Mash pH: 5.4

Measurements

Mash pH:

Boil Volume:

Pre-Boil Gravity:

Post-Boil Kettle Volume:

Original Gravity:

Fermenter Top-Up:

Fermenter Volume:

Final Gravity:

Bottling Volume:

Recipe Notes

Change Ahtanum for Willamette.