

Boddington IP (1977) - 4.1%

Best Bitter

Author: Ronald Pattinson

Type: Partial Mash

IBU : 20 (Tinseth)
 Colour : 10 EBC
 Carbonation : 2.4 CO2-vol

Pre-Boil Gravity : 1.017
 Original Gravity : 1.033
 Total Gravity : 1.035
 Final Gravity : 1.004

Fermentables (753 g)

467 g - Pale Ale Malt 5.5 EBC (62%)
 ^ The Malt Miller (UK) MAL-00-042
 130 g - Extra Pale Ale (Lager) Malt 3 EBC (17...
 ^ The Malt Miller (UK) MAL-00-028
 104 g - 10 min - Boil - Invert Sugar #2 49.5...
 26 g - 10 min - Boil - Dextrose 2 EBC (3.5%)
 26 g - Primary - Spray Dried Malt Extract - L...
 ^ The Malt Miller (UK) EXT-00-006

Hops (10 g)

85 min - 4 g - Fuggle (Whole) - 5% (12 IBU)
 ^ Worcester Hop Shop (UK)
 30 min - 4 g - East Kent Goldings (EKG) (Whol...
 ^ The Malt Miller (UK) HOP-00-001

Dry Hops

4 days - 2 g - East Kent Goldings (EKG) (Whol...

Miscellaneous

Mash - 0.47 g - Epsom Salt (MgSO4)
 ^ Lot # /2119000091
 ^ Brouwstore (NL) 055.027.7
 Mash - 1.36 g - Gypsum (CaSO4)
 ^ The Malt Miller (UK) CHE-03-004
 Mash - 0.3 ml - Lactic Acid 80% 80%
 ^ Lot # 20200213
 ^ Brouwstore (NL) 003.002.3
 Sparge - 1.37 ml - Lactic Acid 80% 80%
 ^ Lot # 20200213
 ^ Brouwstore (NL) 003.002.3

Yeast

0.5 pkg - Wyeast Labs London Ale III 1318

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

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

Mash Water : 1.79 L
 Sparge Water : 7.56 L
 Boil Time : 90 min
 Total Water : 9.35 L



10 EBC

Brewhouse Efficiency: 71.8%

Mash Efficiency: 73.3%

Mash Profile

01 One Step Mash (60 min)
 71 °C - Strike Temp
 65 °C - 60 min - Temperature
 72 °C - 5 min - Sparge

Fermentation Profile

Ale
 20 °C - 14 days - Primary

Water Profile

NL Hoofddorp Rein Tap Water (2020-Q3 WQR) (St...
 Ca 74 Mg 15 Na 68 Cl 92 SO 150

SO/Cl ratio: 1.6
 Mash pH: 5.39
 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:

Recipe Notes

Target: ABV = 3.7 %, IBU = 21, EBC = 8.9, OG = 1.0345, FG = 1.0065.
<http://barclayperkins.blogspot.com/2021/02/lets-brew-1977-boddington-ip.html>