^ Lot # 154001112904ABV ^ Brouwstore (NL) 050.620.4

^ Brouwstore (NL) 057.020.20

^ Brouwstore (NL) 017.500.0

10 min - Boil - 1 items - Wort Chiller

Bottling - 15 items - Steinie bottle 33 cl (s...



Brewdog - #310 Clockwork Tangerine (clone) v2 - 6.4%

American IPA 01 Brouwpunt 5L (70min) (rev 4) Batch Size : 5.6 L Author: Brynne Tobbe Boil Size : 8.06 L Post-Boil Vol : 5.96 L Type: All Grain IBU : 21 (Tinseth) Mash Water : 4.38 L Colour : 15 EBC Sparge Water : 5.2 L 15 EBC Carbonation : 2.4 CO2-vol : 70 min Boil Time Total Water : 9.58 L Pre-Boil Gravity : 1.044 Brewhouse Efficiency: 71.8% Original Gravity : 1.060 Final Gravity : 1.011 Mash Efficiency: 73.3% Mash Profile Fermentables (1.52 kg) 1.3 kg - Pale Ale 6.9 EBC (85.5%) Mash Steps 130 g - Caramalt 15L 34.5 EBC (8.6%) 72.1 °C - Strike Temp 60 g - Flaked Rice 1 EBC (4%) 66 °C - 45 min - Temperature 30 g - Caramel / Crystal 10L 19.7 EBC (2%) Fermentation Profile Hops (55.3 g) Ale 70 min - 1.4 g - Mandarina Bavaria - 8.5% (6... 20 °C - 14 days - Primary 70 min - 0.5 g - Citra - 11% (3 IBU) 10 min - 1.4 g - Cascade - 7% (2 IBU) Water Profile 10 min - 1.4 g - Nugget - 13% (4 IBU) NL Hoofddorp Rein Tap Water (2020-Q1 WQR) (St... ^ Brouwland (BE) 053.291.1 Ca 41 Mg 15 Na 67 Cl 71 SO 68 10 min - 0.6 g - Citra - 11% (1 IBU) 10 min - 0.6 g - Mandarina Bavaria - 8.5% (1... SO/Cl ratio: 1 Mash pH: 5.41 Hop Stand 10 min hopstand @ 80 °C Measurements 10 min - 5 g - Mandarina Bavaria - 8.5% (2 IBU) 10 min - 2.2 g - Nelson Sauvin - 12.5% (1 IBU) Mash pH: 10 min - 1.4 g - Citra - 11% (1 IBU) 10 min - 1.1 g - Amarillo - 8.6% (0 IBU) Boil Volume: 10 min - 0.8 g - Nugget - 13% (0 IBU) Pre-Boil Gravity: Dry Hops 7 days - 11.2 g - Mandarina Bavaria - 8.5% Post-Boil Kettle Volume: 7 days - 8.4 g - Cascade - 7% 7 days - 7 g - Citra - 11% Original Gravity: 7 days - 7 g - Nelson Sauvin - 12.5% 7 days - 5.3 g - Nugget - 13% Fermenter Top-Up: Miscellaneous Fermenter Volume: Mash - 0.58 g - Epsom Salt (MgSO4) ^ Lot # /2119000091 Final Gravity: ^ Brouwstore (NL) 055.027.7 Mash - 1.3 ml - Lactic Acid 80% 88% Bottling Volume: ^ Lot # 20200213 ^ Brouwstore (NL) 003.002.3 Mash - 3 items - pH paper strips 5.2 - 6.8 ^ Lot # 20200422/1 ^ Brouwstore (NL) 013.075.7 60 min - Boil - 0.15 g - Lipohop K ^ The Malt Miller (UK) CH-03-013 10 min - Boil - 1 g - Irish Moss ^ Brouwstore (NL) 125.249.1 10 min - Boil - 0.06 g - Lallemand Servomyces

Brewdog - #310 Clockwork Tangerine...



Recipe Notes

Target: ABV = 7.0 %, IBU = 55

Malt is ordered with standard crush @ The Malt Miller (https://www.themaltmiller.co.uk/).