

Miraculix Best - 4.5%

Best Bitter 01 Brouwpunt 5L (30min) (rev 4) Author: Miraculix@homebrewtalk.com Batch Size : 5.6 L Boil Size : 6.86 L Post-Boil Vol : 5.96 L Type: All Grain IBU : 29 (Tinseth) Mash Water : 2.19 L BU/GU : 0.7 Sparge Water : 5.49 L 12 EBC Colour : 12 EBC Boil Time : 30 min Carbonation : 1.6 CO2-vol Total Water : 7.68 L Pre-Boil Gravity : 1.029 Brewhouse Efficiency: 71.8% Original Gravity : 1.039 Mash Efficiency: 73.3% Total Gravity : 1.041 Mash Profile Final Gravity : 1.007 Multi-step Mash (125 min) Fermentables (914 g) 59.7 °C - Strike Temp 684 g - Maris Otter 5.5 EBC (74.8%) 55 °C - 10 min - Temperature 62 °C - 45 min - Temperature ^ The Malt Miller (UK) MAL-00-038 92 g - 10 min - Boil - Golden Syrup 0 EBC (10... 72 °C - 45 min - Temperature ^ Tjin's Toko, Eerste van der Helstraat 64, 1... 75 °C - 15 min - Temperature 92 g - Torrified Wheat 3.9 EBC (10.1%) Fermentation Profile ^ The Malt Miller (UK) MAL-03-006 01 Ale + DR + Conditioning 46 g - Crystal Malt 150 EBC (5%) ^ The Malt Miller (UK) MAL-01-008 18 °C - 10 days - Primary 21 °C - 4 days - Diacetyl rest 15 g - Bottling - Sugar, Table (Sucrose) 2 EBC 18 °C - 14 days - Carbonation ^ Albert Heijn (NL) 18 °C - 28 days - Conditioning Hops (15.3 g) Water Profile 30 min - 3.1 g - Cobb - 6.7% (9 IBU) 30 min - 2.4 g - Magnum - 10.7% (11 IBU) 02 NL Spa Reine Flat Mineral Water (www.ah.nl... ^ The Malt Miller (UK) HOP-06-009 Ca 55 Mg 15 Na 46 Cl 75 SO 150 10 min - 4.9 g - Cobb - 6.7% (7 IBU) SO/Cl ratio: 2 Hop Stand Mash pH: 5.37 10 min hopstand @ 80 °C Sparge pH: 6 10 min - 4.9 g - Cobb - 6.7% (2 IBU) Measurements Miscellaneous Mash - 0.25 g - Baking Soda (NaHCO3) Mash pH: ^ Lot # 41190621/3 ^ Brouwstore (NL) 003.106.2 Boil Volume: Mash - 0.66 g - Calcium Chloride (CaCl2) 33 %... ^ Lot # 115038 Pre-Boil Gravity: ^ Brouwstore (NL) 055.035.0 Mash - 0.66 g - Canning Salt (NaCl) Post-Boil Kettle Volume: ^ Albert Heijn (NL) Mash - 1.01 g - Epsom Salt (MgSO4) Original Gravity: ^ Lot # /2119000091 ^ Brouwstore (NL) 055.027.7 Fermenter Top-Up: Mash - 1.3 g - Gypsum (CaSO4) ^ The Malt Miller (UK) CHE-03-004 Fermenter Volume: Mash - 0.1 ml - Lactic Acid 80% 88% ^ Lot # 20200213 Final Gravity: ^ Brouwstore (NL) 003.002.3 Bottling Volume:

0.3 pkg - Imperial Yeast Pub A09

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Recipe Notes

Target: IBU = 30, OG = 1.040, FG = 1.010.