

The Hop Chronicles | Sabro LUPOMAX (2020) - 5.6%

American Pale Ale 01 Brouwpunt 5L (60min) (rev 4) Author: Paul Amico Batch Size : 5.6 L : 7.76 L Boil Size Post-Boil Vol : 5.96 I Type: All Grain IBU Mash Water : 43 (Tinseth) : 4.34 L BU/GU : 0.76 Sparge Water : 4.93 L 12 EBC Colour : 12 EBC Boil Time : 60 min Carbonation : 2.4 CO2-vol Total Water : 9.27 L Pre-Boil Gravity : 1.043 Brewhouse Efficiency: 71.8% : 1.056 Mash Efficiency: 73.3% Original Gravity : 1.013 Final Gravity Mash Profile 03 - High/Moderate Fermentability Fermentables (1.45 kg) 1.207 kg - Lamonta: Pale American Barley Malt... 72.9 °C - Strike Temp 66.7 °C - 60 min - Temperature 241 g - Vanora: Vienna-style Barley Malt 13.8... Hops (34.3 g) Fermentation Profile 45 min - 1.4 g - Sabro LUPOMAX - 19% (12 IBU) Ale 20 min - 2.3 g - Sabro LUPOMAX - 19% (13 IBU) 18.9 °C - 9 days - Primary 10 min - 2.7 g - Sabro LUPOMAX - 19% (9 IBU) 2 min - 12.8 g - Sabro LUPOMAX - 19% (10 IBU) Water Profile 02 NL Spa Reine Flat Mineral Water (www.ah.nl... Dry Hops Ca 93 Mg 15 Na 49 Cl 50 SO 250 4 days - 15.1 g - Sabro LUPOMAX - 19% SO/Cl ratio: 5 Miscellaneous Mash pH: 5.4 Mash - 0.82 g - Baking Soda (NaHCO3) Sparge pH: 6 ^ Lot # 41190621/3 ^ Brouwstore (NL) 003.106.2 Measurements Mash - 0.51 g - Calcium Chloride (CaCl2) 33 %... ^ Lot # 115038 Mash pH: ^ Brouwstore (NL) 055.035.0 Mash - 0.51 g - Canning Salt (NaCl) Boil Volume: ^ Albert Heijn (NL) Mash - 1.22 g - Epsom Salt (MgSO4) Pre-Boil Gravity: ^ Lot # /2119000091 ^ Brouwstore (NL) 055.027.7 Post-Boil Kettle Volume:

Mash - 3.24 g - Gypsum (CaSO4) ^ The Malt Miller (UK) CHE-03-004

Mash - 0.6 ml - Lactic Acid 80% 80%

^ Lot # 20200213

^ Brouwstore (NL) 003.002.3

Yeast

0.3 pkg - Imperial Yeast Flagship A07

Original Gravity:

Fermenter Top-Up:

Fermenter Volume:

Final Gravity:

Bottling Volume:

Recipe Notes

Water Profile: Ca 92 | Mg 1 | Na 10 | SO4 153 | Cl 50