

The Hop Chronicles | BRU-1 LUPOMAX (2020) Pale Ale - 6.3%

American Pale Ale

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Type: All Grain

IBU : 37 (Tinseth)
 BU/GU : 0.66
 Colour : 12 EBC
 Carbonation : 2.4 CO2-vol

Pre-Boil Gravity : 1.043
 Original Gravity : 1.056
 Final Gravity : 1.008

Fermentables (1.45 kg)

1.207 kg - Lamonta: Pale American Barley Malt...
 241 g - Vanora: Vienna-style Barley Malt 13.8...

Hops (27.7 g)

30 min - 1.8 g - Lupo Max BRU-1 - 19.5% (13 IBU)
 20 min - 1.8 g - Lupo Max BRU-1 - 19.5% (10 IBU)
 10 min - 2.7 g - Lupo Max BRU-1 - 19.5% (9 IBU)
 2 min - 6.3 g - Lupo Max BRU-1 - 19.5% (5 IBU)

Dry Hops

4 days - 15.1 g - Lupo Max BRU-1 - 19.5%

Miscellaneous

Mash - 0.1 g - Baking Soda (NaHCO3)
 ^ Lot # 41190621/3
 ^ Brouwstore (NL) 003.106.2
 Mash - 1.69 g - Calcium Chloride (CaCl2) 33 %...
 ^ Lot # 115038
 ^ Brouwstore (NL) 055.035.0
 Mash - 0.1 g - Canning Salt (NaCl)
 ^ Albert Heijn (NL)
 Mash - 2.48 g - Gypsum (CaSO4)
 ^ The Malt Miller (UK) CHE-03-004
 Mash - 0.2 ml - Lactic Acid 80% 80%
 ^ Lot # 20200213
 ^ Brouwstore (NL) 003.002.3

Yeast

0.3 pkg - Imperial Yeast Flagship A07

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

Batch Size : 5.6 L
 Boil Size : 7.76 L
 Post-Boil Vol : 5.96 L

Mash Water : 4.34 L
 Sparge Water : 4.93 L
 Boil Time : 60 min
 Total Water : 9.27 L



12 EBC

Brewhouse Efficiency: 71.8%
 Mash Efficiency: 73.3%

Mash Profile

Medium fermentability
 73.3 °C - Strike Temp
 67 °C - 60 min - Temperature

Fermentation Profile

Ale
 18.9 °C - 9 days - Primary

Water Profile

02 NL Spa Reine Flat Mineral Water (www.ah.nl...
 Ca 89 Mg 2 Na 10 Cl 50 SO 153

SO/Cl ratio: 3.1

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

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