Brewfather
www.brewfather.app

xBmt-20200518 Boil pH Blonde Ale - 4.7%

Blonde Ale
Author: Andy Carter

Type: All Grain

IBU	: 17 (Tinseth)
BU/GU	: 0.35
Colour	: 8 EBC
Carbonation	: 2.3 CO2-vol

Pre-Boil Gravity	: 1.036
Original Gravity	: 1.047
Final Gravity	: 1.011

Fermentables (1.21 kg)
1.02 kg - Pale Malt (2 Row) US 3.9 EBC (84.2%)
96 g - White Wheat Malt 4.7 EBC (7.9%)
64 g - Caramel/Crystal Malt - 10L 19.7 EBC (5...
32 g - Cara-Pils/Dextrine 3.9 EBC (2.6%)

Hops (11.7 g)
60 min - 4.1 g - Centennial - 4.5% (9 IBU)
30 min - 1.9 g - Centennial - 4.5% (3 IBU)
10 min - 3.8 g - Centennial - 4.5% (3 IBU)
5 min - 1.9 g - Centennial - 4.5% (1 IBU)

Miscellaneous
Mash - 0.29 g - Baking Soda (NaHCO3)
^ Lot # 41190621/3
^ Brouwstore (NL) 003.106.2
Mash - 0.79 g - Calcium Chloride (CaCl2) 33 %...
^ Lot # 115038
^ Brouwstore (NL) 055.035.0
Mash - 0.77 g - Canning Salt (NaCl)
^ Albert Heijn (NL)
Mash - 1.19 g - Epsom Salt (MgSO4)
^ Lot # /2119000091
^ Brouwstore (NL) 055.027.7
Mash - 1.54 g - Gypsum (CaSO4)
^ The Malt Miller (UK) CHE-03-004
Mash - 0.7 ml - Lactic Acid 80% 80%
^ Lot # 20200213
^ Brouwstore (NL) 003.002.3

Yeast
0.5 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	: 3.64 L
Sparge Water	: 5.4 L
Boil Time	: 60 min
Total Water	: 9.04 L

Brewhouse Efficiency: 71.8%
Mash Efficiency: 73.3%

8 EBC

Mash Profile
Single Infusion BrewZilla
68.5 °C - Strike Temp
62.8 °C - 60 min - Mash In

Fermentation Profile
Imported
16.7 °C - 4 days - Primary
19.4 °C - 10 days - Secondary
21.1 °C - 10 days - Conditioning

Water Profile
02 NL Spa Reine Flat Mineral Water (www.ah.nl...
Ca 55 Mg 15 Na 45 Cl 75 SO 150

SO/Cl ratio: 2
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 51 | Mg 8 | Na 8 | SO4 75 | Cl 60
http://brulosophy.com/2020/05/18/water-chemistry-impact-boil-ph-has-on-blonde-ale-exbeeriment-results/