

xBmt-20200227 No-Chill vs. Rapid Chilling - 7%

American IPA

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Type: All Grain

IBU : 46 (Tinseth)
BU/GU : 0.7
Colour : 14 EBC
Carbonation : 2.4 CO2-vol

Pre-Boil Gravity : 1.050
Original Gravity : 1.065
Final Gravity : 1.012

Fermentables (1.68 kg)

1.45 kg - Pale Malt (2 Row), Rahr 3.7 EBC (86...
170 g - Munich I (Weyermann) 14 EBC (10.1%)
60 g - Caramel/Crystal Malt - 40L 79 EBC (3.6%)

Hops (26.5 g)

45 min - 6.5 g - Centennial - 11.1% (29 IBU)
10 min - 6.5 g - Centennial - 11.1% (10 IBU)
5 min - 6.5 g - Simcoe - 13.9% (7 IBU)
0 min - 7 g - Amarillo - 8.5%

Miscellaneous

Mash - 0.84 g - Baking Soda (NaHCO3)
^ Lot # 41190621/3
^ Brouwstore (NL) 003.106.2
Mash - 0.53 g - Calcium Chloride (CaCl2) 33 %...
^ Lot # 115038
^ Brouwstore (NL) 055.035.0
Mash - 0.52 g - Canning Salt (NaCl)
^ Albert Heijn (NL)
Mash - 1.25 g - Epsom Salt (MgSO4)
^ Lot # /2119000091
^ Brouwstore (NL) 055.027.7
Mash - 3.31 g - Gypsum (CaSO4)
^ The Malt Miller (UK) CHE-03-004
Mash - 0.9 ml - Lactic Acid 80% 80%
^ Lot # 20200213
^ Brouwstore (NL) 003.002.3

Yeast

0.5 pkg - Fermentis Safale American US-05
^ Lot # 52300 0623 225
^ The Malt Miller (UK) YEA-02-025

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

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

Mash Water : 5.04 L
Sparge Water : 4.45 L
Boil Time : 60 min
Total Water : 9.49 L



14 EBC

Brewhouse Efficiency: 71.8%
Mash Efficiency: 73.3%

Mash Profile

02 Light/Medium Body Profile (150F)
71.6 °C - Strike Temp
65.6 °C - 60 min - Mash In

Fermentation Profile

Imported
19.4 °C - 4 days - Primary
19.4 °C - 10 days - Secondary
18.3 °C - 30 days - Conditioning

Water Profile

02 NL Spa Reine Flat Mineral Water (www.ah.nl...
Ca 93 Mg 15 Na 49 Cl 50 SO 250 HCO 80

SO/Cl ratio: 5
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

<http://brulosophy.com/2020/02/27/cooling-the-wort-no-chill-method-vs-rapid-chilling-in-an-ipa-the-bru-club-xbmt-series/>