

xBmt-20200817 Over-Oxygenation in NEIPA - 5.5%

Specialty IPA

Author: Jake Huolihan

Type: All Grain

IBU : 93 (Tinseth)
BU/GU : 1.59
Colour : 11 EBC
Carbonation : 2.3 CO2-vol

Pre-Boil Gravity : 1.045
Original Gravity : 1.058
Final Gravity : 1.016

Fermentables (1.52 kg)

1.018 kg - Genie Pale Malt (Root Shoot Maltin...
401 g - Wheat Malt 3.9 EBC (26.4%)
80 g - Vienna Malt 5.9 EBC (5.3%)
20 g - Melanoidin 59 EBC (1.3%)

Hops (56.7 g)

60 min - 11.3 g - Experimental 04190 - 3.4% (...
60 min - 2.8 g - Nugget - 13% (17 IBU)
30 min - 3 g - Bru-1 - 13% (13 IBU)
30 min - 3 g - Citra - 12% (12 IBU)
30 min - 3 g - Sabro - 14% (14 IBU)
5 min - 5.6 g - Bru-1 - 13% (6 IBU)
5 min - 5.6 g - Citra - 12% (6 IBU)
5 min - 5.6 g - Sabro - 14% (7 IBU)

Dry Hops

3 days - 5.6 g - Bru-1 - 13%
3 days - 5.6 g - Citra - 12%
3 days - 5.6 g - Sabro - 14%

Miscellaneous

Mash - 8.29 g - Calcium Chloride (CaCl2) 33 %...
^ Lot # 115038
^ Brouwstore (NL) 055.035.0
Mash - 0.12 g - Canning Salt (NaCl)
^ Albert Heijn (NL)
Mash - 2.45 g - Gypsum (CaSO4)
^ The Malt Miller (UK) CHE-03-004

Yeast

0.5 pkg - Imperial Yeast Juice A38

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

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

Mash Water : 4.56 L
Sparge Water : 4.78 L
Boil Time : 60 min
Total Water : 9.34 L



11 EBC

Brewhouse Efficiency: 71.8%
Mash Efficiency: 73.3%

Mash Profile

152 No Sparge
72.9 °C - Strike Temp
66.7 °C - 60 min - Mash Step

Fermentation Profile

Imported
19.4 °C - 14 days - Primary
18.3 °C - 10 days - Secondary
18.3 °C - 30 days - Conditioning

Water Profile

02 NL Spa Reine Flat Mineral Water (www.ah.nl...
Ca 172 Mg 2 Na 8 Cl 200 SO 150 HCO 17

SO/Cl ratio: 0.8
Mash pH: 5.3
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 174 | Mg 0 | Na 8 | SO4 150 | Cl 200
<https://brulosophy.com/2020/08/17/wort-aeration-impact-of-over-oxygenation-on-a-new-england-ipa/>