

14 EBC

xBmt-20190930 Force Carb vs Krausening - 5.3%

Festbier

Author: Phil Rusher Boil Size

Type: All Grain

IBU : 21 (Tinseth) BU/GU : 0.37 Colour : 14 EBC Carbonation : 2.5 CO2-vol

Pre-Boil Gravity : 1.043 : 1.056 Original Gravity : 1.016 Final Gravity

Fermentables (1.45 kg)

692 g - Pelton Pilsner-style Malt (Mecca Grad... 692 g - Vanora Vienna-style Malt (Mecca Grade... 63 g - Metolius Munich-style Malt (Mecca Grad...

Hops (7.3 g)

60 min - 3.3 g - Hallertau Magnum - 11% (17 IBU) 20 min - 4 g - Hallertauer Mittelfrueh - 3.7%...

Miscellaneous

Mash - 1.05 g - Calcium Chloride (CaCl2) 33 %...

^ Lot # 115038

^ Brouwstore (NL) 055.035.0

Mash - 0.52 g - Canning Salt (NaCl)

^ Albert Heijn (NL)

Mash - 1.18 g - Gypsum (CaSO4) ^ The Malt Miller (UK) CHE-03-004 Mash - 0.5 ml - Lactic Acid 80% 80%

^ Lot # 20200213

^ Brouwstore (NL) 003.002.3

Yeast

0 ml - Imperial Yeast Harvest L17

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

Batch Size : 5.6 L : 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

Brewhouse Efficiency: 71.8% Mash Efficiency: 73.3%

Mash Profile

Single Infusion, Medium Body, No Mash Out

72.3 °C - Strike Temp 66.1 °C - 60 min - Mash In

Fermentation Profile

Imported

19.4 °C - 10 days - Primary

19.4 °C - 10 days - Secondary

18.3 °C - 7 days - Conditioning

Water Profile

02 NL Spa Reine Flat Mineral Water (www.ah.nl...

Ca 48 Mg 2 Na 25 Cl 63 SO 75 HCO 17

SO/Cl ratio: 1.2 Mash pH: 5.38 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 0 | Na 25 | SO4 75 | Cl 63 https://brulosophy.com/2019/09/30/carbonation-methods-force-carbonation-vs-krausening-exbeeriment-resu lts/