

## xBmt-20200210 Impact Of Fermenting With Previously Frozen Yeast

### Blonde Ale

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Type: All Grain

IBU : 33 (Tinseth)  
 BU/GU : 0.66  
 Colour : 10 EBC  
 Carbonation : 2.5 CO2-vol

Pre-Boil Gravity : 1.039  
 Original Gravity : 1.050  
 Final Gravity : 1.013

### Fermentables (1.29 kg)

1.29 kg - Mecca Grade Lamonta: Pale American...

### Hops (7.3 g)

60 min - 3.5 g - Jarrylo - 12.6% (22 IBU)  
 15 min - 3.8 g - Jarrylo - 12.6% (12 IBU)

### Miscellaneous

Mash - 0.3 g - Baking Soda (NaHCO3)  
 ^ Lot # 41190621/3  
 ^ Brouwstore (NL) 003.106.2  
 Mash - 0.78 g - Calcium Chloride (CaCl2) 33 %...  
 ^ Lot # 115038  
 ^ Brouwstore (NL) 055.035.0  
 Mash - 0.78 g - Canning Salt (NaCl)  
 ^ Albert Heijn (NL)  
 Mash - 1.2 g - Epsom Salt (MgSO4)  
 ^ Lot # /2119000091  
 ^ Brouwstore (NL) 055.027.7  
 Mash - 1.55 g - Gypsum (CaSO4)  
 ^ The Malt Miller (UK) CHE-03-004  
 Mash - 0.6 ml - Lactic Acid 80% 80%  
 ^ Lot # 20200213  
 ^ Brouwstore (NL) 003.002.3

### Yeast

0.5 pkg - Imperial Yeast House A01

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

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

Mash Water : 3.87 L  
 Sparge Water : 5.25 L  
 Boil Time : 60 min  
 Total Water : 9.12 L



10 EBC

Brewhouse Efficiency: 71.8%  
 Mash Efficiency: 73.3%

### Mash Profile

02 Light/Medium Body Profile (150F)  
 72.3 °C - Strike Temp  
 66.1 °C - 60 min - Mash In

### Fermentation Profile

Imported  
 19.4 °C - 10 days - Primary  
 18.3 °C - 10 days - Secondary  
 18.3 °C - 7 days - Conditioning

### Water Profile

02 NL Spa Reine Flat Mineral Water (www.ah.nl...)  
 Ca 55 Mg 15 Na 46 Cl 75 SO 150

SO/Cl ratio: 2  
 Mash pH: 5.4  
 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 50 | Mg 7 | Na 5 | SO4 75 | Cl 60  
<http://brulosophy.com/2020/02/10/impact-of-fermenting-with-previously-frozen-liquid-yeast-exbeeriment-results/>