

## The Hop Chronicles | Caliente (2019) - 6.3%

### American Pale Ale

Author: Paul Amico

Type: All Grain

IBU : 34 (Tinseth)  
 BU/GU : 0.6  
 Colour : 12 EBC  
 Carbonation : 2.4 CO2-vol

Pre-Boil Gravity : 1.041  
 Original Gravity : 1.053  
 Total Gravity : 1.056  
 Final Gravity : 1.008

### Fermentables (1.37 kg)

1.138 kg - Lamonta : Pale American Barley Mal...  
 228 g - Vanora : Vienna-style Barley Malt (Me...  
 30 g - Bottling - Sugar, Table (Sucrose) 2 EBC  
 ^ Albert Heijn (NL)

### Hops (32.1 g)

40 min - 1.9 g - Caliente - 17.7% (14 IBU)  
 20 min - 1.9 g - Caliente - 17.7% (10 IBU)  
 2 min - 13.2 g - Caliente - 17.7% (10 IBU)

### Dry Hops

3 days - 15.1 g - Caliente - 17.7%

### Miscellaneous

Mash - 0.81 g - Baking Soda (NaHCO3)  
 ^ Lot # 41190621/3  
 ^ Brouwstore (NL) 003.106.2  
 Mash - 0.52 g - Calcium Chloride (CaCl2) 33 %...  
 ^ Lot # 115038  
 ^ Brouwstore (NL) 055.035.0  
 Mash - 0.5 g - Canning Salt (NaCl)  
 ^ Albert Heijn (NL)  
 Mash - 3.21 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

0.3 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 : 4.1 L  
 Sparge Water : 5.09 L  
 Boil Time : 60 min  
 Total Water : 9.19 L



12 EBC

Brewhouse Efficiency: 71.8%  
 Mash Efficiency: 73.3%

### Mash Profile

BIAB Medium Body (152F)  
 72.9 °C - Strike Temp  
 66.7 °C - 60 min - Saccharification

### Fermentation Profile

Imported  
 18.9 °C - 7 days - Primary

### Water Profile

02 NL Spa Reine Flat Mineral Water (www.ah.nl...  
 Ca 93 Mg 2 Na 49 Cl 50 SO 199

SO/Cl ratio: 4  
 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 92 | Mg 1 | Na 10 | SO4 153 | Cl 50