

Sorachi Ace Pale Ale - 5.4%

American Pale Ale

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Type: All Grain

IBU : 38 (Tinseth)
BU/GU : 0.75
Colour : 14 EBC
Carbonation : 2.5 CO2-vol

Pre-Boil Gravity : 1.039
Original Gravity : 1.050
Final Gravity : 1.009

Fermentables (1.25 kg)

1.029 kg - Maris Otter 5.5 EBC (82.1%)
^ The Malt Miller (UK) MAL-00-038
75 g - Extra Light Crystal Malt 100 EBC (6%)
^ The Malt Miller (UK) MAL-01-031
75 g - Light Munich Malt 22 EBC (6%)
75 g - Torrified Wheat 3.9 EBC (6%)
^ The Malt Miller (UK) MAL-03-006

Hops (23.7 g)

60 min - 3.2 g - Sorachi Ace - 11% (17 IBU)
10 min - 5.6 g - Sorachi Ace - 11% (13 IBU)

Hop Stand

20 min hopstand @ 75 °C
20 min 75 °C - 14.9 g - Sorachi Ace - 11% (8...

Miscellaneous

Mash - 0.8 g - Baking Soda (NaHCO3)
^ Lot # 41190621/3
^ Brouwstore (NL) 003.106.2
Mash - 0.51 g - Calcium Chloride (CaCl2) 33 %...
^ Lot # 115038
^ Brouwstore (NL) 055.035.0
Mash - 0.49 g - Canning Salt (NaCl)
^ Albert Heijn (NL)
Mash - 1.19 g - Epsom Salt (MgSO4)
^ Lot # /2119000091
^ Brouwstore (NL) 055.027.7
Mash - 3.14 g - Gypsum (CaSO4)
^ The Malt Miller (UK) CHE-03-004
Mash - 0.3 ml - Lactic Acid 80% 80%
^ Lot # 20200213
^ Brouwstore (NL) 003.002.3

Yeast

0.4 pkg - Fermentis Safale American US-05
^ Lot # 52766 1049 269
^ 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 : 3.54 L
Sparge Water : 5.47 L
Boil Time : 60 min
Total Water : 9.01 L



14 EBC

Brewhouse Efficiency: 71.8%
Mash Efficiency: 73.3%

Mash Profile

01 One Step Mash (60 min)
68.7 °C - Strike Temp
63 °C - 60 min - Temperature

Fermentation Profile

Ale
20 °C - 14 days - Primary

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

Target: ABV = 5.5 %, IBU = 38, OG = 1.050, FG = 1.012.
<https://www.thhomebrewforum.co.uk/threads/sorachi-ace-pale-is-on.63532/>