

Never Give Up! v2 - 8.7%

Belgian Golden Strong Ale

Author: The Thirsty Otter

Type: All Grain

IBU : 28 (Tinseth)
BU/GU : 0.38
Colour : 8 EBC
Carbonation : 2.8 CO2-vol

Pre-Boil Gravity : 1.046
Original Gravity : 1.070
Total Gravity : 1.073
Final Gravity : 1.007

Fermentables (1.65 kg)

1.5 kg - Pils 3.5 EBC (90.9%)
^ Brouwmaatje (NL) 051.002.4
150 g - 10 min - Boil - Sugar, Table (Sucrose...
^ Albert Heijn (NL)
38 g - Bottling - Sugar, Table (Sucrose) 2 EBC
^ Albert Heijn (NL)

Hops (25.4 g)

60 min - 4 g - Cascade (T90) - 7.5% (14 IBU)
^ Brouwmaatje (NL) BM-BL.053.148.3/100
30 min - 4 g - Cascade (T90) - 7.5% (10 IBU)
^ Brouwmaatje (NL) BM-BL.053.148.3/100
15 min - 5.4 g - Saaz - 3.6% (4 IBU)
^ Lot # T9020044SAA
^ Brouwmaatje (NL) BM-HUM.420000 Humlegarden...

Dry Hops

7 days - 12 g - Cascade (T90) - 7.5%
^ Brouwmaatje (NL) BM-BL.053.148.3/100

Miscellaneous

Mash - 0.04 g - Baking Soda (NaHCO3)
^ Lot # 41190621/3
^ Brouwstore (NL) 003.106.2
Mash - 0.8 g - Calcium Chloride (CaCl2) 33 % 33%
^ Lot # 115038
^ Brouwstore (NL) 055.035.0
Mash - 0.8 g - Canning Salt (NaCl)
^ Albert Heijn (NL)
Mash - 0.7 g - Epsom Salt (MgSO4)
^ Lot # /2119000091
^ Brouwstore (NL) 055.027.7
Mash - 0.7 g - Gypsum (CaSO4)
^ Brouwmaatje (NL)
Mash - 1.1 ml - Lactic Acid 80% 80%
^ Lot # 20200213
^ Brouwstore (NL) 003.002.3
Mash - 4.5 l - NL Spa Reine Flat Mineral Water
^ Lot # 20211005
^ AH (NL)
Sparge - 4.82 l - NL Spa Reine Flat Mineral W...
^ Lot # 20211005
^ AH (NL)
60 min - Boil - 0.15 g - Lipohop K
^ Lot # LPK110
^ The Malt Miller (UK) CH-03-013
10 min - Boil - 1 g - Irish Moss
^ Brouwstore (NL)
10 min - Boil - 1 items - Wort Chiller

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

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

Mash Water : 4.5 L
Sparge Water : 4.82 L
Boil Time : 60 min
Total Water : 9.32 L



8 EBC

Brewhouse Efficiency: 71.8%
Mash Efficiency: 73.3%

Mash Profile

04 High fermentability (60 min)
71 °C - Strike Temp
65 °C - 60 min - Temperature

Fermentation Profile

01 Ale + DR + Conditioning
19 °C - 10 days - Primary
22 °C - 4 days - Diacetyl rest
19 °C - 14 days - Carbonation
19 °C - 28 days - Conditioning

Water Profile

NL Spa Reine Flat Mineral Water (www.ah.nl) (...
Ca 33 Mg 9 Na 38 Cl 75 SO 75 HCO 20

SO/Cl ratio: 1
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: