

9 EBC

## Titanic White Star (clone) - 4.5%

British Golden Ale Author: Sam Hesford

Type: All Grain

IBU : 25 (Tinseth) BU/GU : 0.55 Colour : 9 EBC Carbonation : 2.2 CO2-vol

Pre-Boil Gravity : 1.035 : 1.046 Original Gravity Final Gravity : 1.012

Fermentables (1.17 kg)

1.099 kg - Pale Ale Finest Maris Otter 5 EBC... 61 g - Wheat Malt 4 EBC (5.2%)

12 g - Crystal Light 104 EBC (1%)

Hops (20.2 g)

60 min - 2.3 g - East Kent Goldings (EKG) - 4...

60 min - 2.3 g - Willamette - 5% (6 IBU) 60 min - 2.3 g - Yakima Gold - 9.6% (11 IBU)

5 min - 1.2 g - East Kent Goldings (EKG) - 4%...

5 min - 1.2 g - Willamette - 5% (1 IBU)

5 min - 1.2 g - Yakima Gold - 9.6% (1 IBU)

**Hop Stand** 

10 min hopstand @ 75 °C

10 min 75 °C - 2.4 g - Summit - 17% (1 IBU)

Dry Hops

3 days - 7.3 g - Summit - 17%

Miscellaneous

Mash - 0.19 g - Baking Soda (NaHCO3)

^ Lot # 41190621/3

^ Brouwstore (NL) 003.106.2

Mash - 1.21 g - Calcium Chloride (CaCl2) 33 %... Post-Boil Kettle Volume:

^ Lot # 115038

^ Brouwstore (NL) 055.035.0

Mash - 0.19 g - Canning Salt (NaCl)

^ Albert Heijn (NL)

Mash - 0.37 g - Epsom Salt (MgSO4)

^ Lot # /2119000091

^ Brouwstore (NL) 055.027.7 Mash - 1.41 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

**Veast** 

0.3 pkg - White Labs Manchester Ale Yeast WLP038

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

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

Mash Water : 3.52 L Sparge Water : 5.49 L Boil Time : 60 min

Total Water : 9.01 L

Brewhouse Efficiency: 71.8% Mash Efficiency: 73.3%

Mash Profile High fermentability 71 °C - Strike Temp

65 °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 57 Mg 6 Na 17 Cl 46 SO 107 HCO 32

SO/Cl ratio: 2.3 Mash pH: 5.38 Sparge pH: 6

Measurements

Mash pH:

Boil Volume:

Pre-Boil Gravity:

Original Gravity:

Fermenter Top-Up:

Fermenter Volume:

Final Gravity:

Bottling Volume: