

## Simcoe Diamond Quaaffer - 4.1%

### Czech Pale Lager

Author: hichaechoc@homebrewinguk.com

Type: All Grain

IBU : 27 (Tinseth)  
 BU/GU : 0.63  
 Colour : 9 EBC  
 Carbonation : 2.4 CO2-vol

Pre-Boil Gravity : 1.032  
 Original Gravity : 1.042  
 Final Gravity : 1.011

### Fermentables (1.05 kg)

542 g - Pale Ale Malt 8.5 EBC (51.5%)  
 ^ Lot # 20210909  
 ^ Brouwmaatje (NL) 051.011.5  
 410 g - Maris Otter Malt 6 EBC (39%)  
 ^ Lot # 2500001777621  
 ^ Brouwmaatje (NL) BM-BL.051.513.2/1  
 100 g - Wheat Malt 5.5 EBC (9.5%)  
 ^ Lot # 20210909  
 ^ Brouwmaatje (NL) 051.125.3

### Hops (10 g)

60 min - 3 g - Simcoe - 12.2% (19 IBU)  
 ^ Hopeye (GB) HE-50G-HOPS-SIMCOE (50 grams)

### Hop Stand

30 min hopstand @ 80 °C  
 30 min - 7 g - Simcoe - 12.2% (7 IBU)  
 ^ Hopeye (GB) HE-50G-HOPS-SIMCOE (50 grams)

### Miscellaneous

Mash - 0.1 g - Calcium Chloride (CaCl2) 33 % 33%  
 ^ Lot # 115038  
 ^ Brouwstore (NL) 055.035.0  
 Mash - 0.1 g - Canning Salt (NaCl)  
 ^ Albert Heijn (NL)  
 Mash - 0.14 g - Gypsum (CaSO4)  
 ^ The Malt Miller (UK) CHE-03-004  
 Mash - 0.9 ml - Lactic Acid 80% 80%  
 ^ Lot # 20200213  
 ^ Brouwstore (NL) 003.002.3

### Yeast

0.7 pkg - Lallemend (LalBrew) Diamond Lager

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

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

Mash Water : 3.16 L  
 Sparge Water : 5.73 L  
 Boil Time : 60 min  
 Total Water : 8.89 L



9 EBC

Brewhouse Efficiency: 71.8%  
 Mash Efficiency: 73.3%

### Mash Profile

01 One Step Mash (60 min)  
 71 °C - Strike Temp  
 65 °C - 60 min - Temperature

### Fermentation Profile

20 Lager (Standard)  
 12 °C - 14 days - Primary

### Water Profile

02 NL Spa Reine Flat Mineral Water (www.ah.nl...)  
 Ca 10 Mg 2 Na 7 Cl 14 SO 13 HCO 17

SO/Cl ratio: 0.9  
 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:

### Recipe Notes

Adapted malt bill for availability.  
 Tweaked the hop gifts.