

HHC HOMEBREW COMPETITION WINNING BEERS



BREWER & COMPETITION DETAILS

Brewer	Nkululeko Mnisi	Email (optional)	mantjolo@yahoo.com
Competition theme	Low ABV beer		
Competition date	21 April 2022		

BEER VITAL STATISTICS

Style	Dark Mild			BJCP nr	13A
Name (optional)	English Mild				
Batch size (L)	20				
OG	1.036	FG	1.010	ABV	3.3%
IBU	15.8	BU:GU	0.453	EBC	32.9

WATER (ion concentrations in ppm)

Source	Franschhoek pass water		Pre-treatment(s)	None							
Ca	43.4	Mg	9.8	Na	24.8	SO₄	59.6	Cl	48	HCO₃	76.9

FERMENTABLES

Nr	Name (EBC, brand)	Amount (kg)	%
1	Pale Malt (2 Row) US (3.9 EBC)	2.80	84
2	Caraamber (59.1 EBC)	0.20	6
3	Caramel/Crystal Malt -120L (236.4 EBC)	0.20	6
4	Carafa III (1034.2 EBC)	0.06	2
5	Chocolate Malt (689.5 EBC)	0.06	2
	TOTAL	3.32	100

Notes: * All Weyermann malts from Let's Brew

MISCELLANEOUS ADDITIONS

Nr	Name	Amount (g)	Additional details
1	Gypsum (CaSO ₄)	5.45	Water adjustment
2	Epsom salt (MgSO ₄)	1.35	Water adjustment
3	Irish moss	1.0	10 min boil

HOPS

Nr	Name (Brand, Supplier)	Type / temp (°C) / time (min / days)	Amount (g)	IBUs
1	East Kent Goldings	Boil 60 min	23.23	15.8
TOTAL			23.23	15.8

MASHING

System type	Brew-in-a-basket		Mashing/strike volume (L)	27
Mashing step 1	Time (min)	60	Temp (°C)	68
Mashing step 2	Time (min)	30	Temp (°C)	72
Mashing-out	Time (min)	10	Temp (°C)	76
Sparge volume (L)			Sparge temp (°C)	

BOILING & CHILLING

Boil time (min)	60	Chill method	Counter flow chiller.
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YEAST & PITCHING

Yeast (Brand, Supplier)	SafAle S-04 English Ale (Fermentis, Let's Brew)	Pitching type & amount (g or ml)	Dry, 11.5 g
Wort volume (L)	21	Pitching temp (°C)	18

FERMENTATION

Fermenter type	25L plastic bucket		Temp control (yes/no)	Yes		
Fermentation step 1	Time (days)	7	Temp (°C)	18	Pressure (psi)	n/a
Fermentation step 2	Time (days)	30	Temp (°C)	12	Pressure (psi)	
Cold crush	Finings	1tsp of gelatine	Time (days)	2	Temp (°C)	4

PACKAGING & CARBONATION

Packaging type	Keg	Vol CO₂	2.3
Storage temp (°C)	12 °C	Beer age at competition (days)	30

GENERAL COMMENTS & NOTES

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