Black IPA

- Gravity 15.7 BLG
- ABV 6.6 %
- IBU **65**
- SRM **29.1**
- Style Black IPA

Batch size

- Expected quantity of finished beer 10 liter(s)
- Trub loss 5 %
- Size with trub loss 11 liter(s)
- · Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 13.2 liter(s)

Mash information

- Mash efficiency 75 %
- Liquor-to-grist ratio 3 liter(s) / kg
- Mash size 9.9 liter(s)
- Total mash volume 13.2 liter(s)

Steps

- Temp 67 C, Time 60 minTemp 76 C, Time 10 min

Mash step by step

- Heat up 9.9 liter(s) of strike water to 74.8C
- Add grains
- Keep mash 60 min at 67C
- Keep mash 10 min at 76C
- Sparge using 6.6 liter(s) of 76C water or to achieve 13.2 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Castle Pale Ale	3 kg (90.9%)	80 %	8
Grain	Carahell	0.1 kg <i>(3%)</i>	77 %	26
Grain	Weyermann - Carafa III	0.2 kg <i>(6.1%)</i>	70 %	1300

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	10 g	60 min	11.5 %
Boil	Galaxy	15 g	30 min	15.5 %
Boil	Mosaic	10 g	5 min	10.4 %
Boil	Simcoe	15 g	5 min	11.5 %
Dry Hop	Galaxy	15 g	2 day(s)	15.5 %
Dry Hop	Mosaic	10 g	2 day(s)	10.4 %

Yeasts

Name	Туре	Form	Amount	Laboratory
S-05	Ale	Dry	6 g	

Notes

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