tropical stout

- Gravity 17.1 BLG
- ABV 7.3 %
- IBU **48**
- SRM **46.6**
- Style Foreign Extra Stout

Batch size

- Expected quantity of finished beer 10 liter(s)
- Trub loss 5 %
- Size with trub loss 10.5 liter(s)
- · Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 12.1 liter(s)

Mash information

- Mash efficiency 75 %
- Liquor-to-grist ratio 2.5 liter(s) / kg
- Mash size 7.8 liter(s)
- Total mash volume 10.9 liter(s)

Steps

- Temp 69 C, Time 60 min
 Temp 78 C, Time 5 min

Mash step by step

- Heat up 7.8 liter(s) of strike water to 78.7C
- Add grains
- Keep mash 60 min at 69C
- Keep mash 5 min at 78C
 Sparge using 7.4 liter(s) of 76C water or to achieve 12.1 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.5 kg <i>(74.6%)</i>	80 %	5
Sugar	melasa	0.25 kg <i>(7.5%)</i>	68 %	158
Grain	Fawcett - Dark Crystal	0.1 kg (3%)	71 %	210
Grain	Special B Malt	0.2 kg (6%)	65.2 %	315
Grain	Jęczmień palony Weyermann	0.2 kg (6%)	55 %	1400
Grain	Carafa II special	0.1 kg <i>(3%)</i>	70 %	1100

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	25 g	60 min	10 %

Yeasts

Name	Туре	Form	Amount	Laboratory
Wyeast - German Ale	Ale	Slant	50 ml	Wyeast Labs

Extras

Type Name	Amount	Use for	Time
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