- Gravity 9 BLG
- ABV 3.5 %
- IBU **36**
- SRM 3.7

Batch size

- Expected quantity of finished beer 10 liter(s)
- Trub loss 5 %
- Size with trub loss 11.5 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 5.3 liter(s)
- Total mash volume 7 liter(s)

Steps

• Temp 70 C, Time 60 min

Mash step by step

- Heat up 5.3 liter(s) of strike water to 78.3C
- · Add grains
- Keep mash 60 min at 70C
- Sparge using 9.7 liter(s) of 76C water or to achieve 13.2 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	1.3 kg <i>(74.3%)</i>	85 %	7
Grain	Weyermann - Rye Malt	0.3 kg (17.1%)	85 %	7
Grain	Wheat, Flaked	0.15 kg <i>(8.6%)</i>	77 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	10 g	40 min	12 %
Whirlpool	Cascade	20 g	30 min	6 %
Dry Hop	Citra	30 g	3 day(s)	12 %

Yeasts

Name	Туре	Form	Amount	Laboratory
Safale S-33	Ale	Dry	6 g	Fermentis