

# Vampire

- Gravity **18.7 BLG**
- ABV ---
- IBU **77**
- SRM **18.4**
- Style **Wood-Aged Beer**

## Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **30 %**
- Size with trub loss **20.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **22.1 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **24.8 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**

## Mash step by step

- Heat up **18.6 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **9.7 liter(s)** of **76C** water or to achieve **22.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	5 kg (80.6%)	85 %	7
Grain	Weyermann - Carared	1 kg (16.1%)	75 %	45
Grain	Caraaroma	0.2 kg (3.2%)	78 %	400

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	20 g	60 min	13 %
Boil	Chinook	20 g	40 min	13 %
Boil	Amarillo	10 g	40 min	9.5 %
Boil	Amarillo	15 g	30 min	9.5 %
Boil	Amarillo	20 g	15 min	9.5 %
Boil	Amarillo	5 g	5 min	9.5 %
Boil	Citra	5 g	5 min	12 %
Dry Hop	citra	45 g	7 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	10 g	---

## Extras

Type	Name	Amount	Use for	Time
Fining	mech irlandzki	5 g	Boil	15 min