

Light IPA

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **51**
- SRM **5.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.7 liter(s)**
- Total mash volume **19.6 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **14.7 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **18 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (81.6%)	80 %	5
Grain	Monachijski	0.2 kg (4.1%)	80 %	16
Grain	Jęczmień niesłodowany	0.4 kg (8.2%)	75 %	2
Grain	Briess - Carapils Malt	0.2 kg (4.1%)	74 %	3
Grain	Carabohemian	0.1 kg (2%)	75 %	180

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	30 g	60 min	13 %
Boil	Citra	10 g	15 min	12 %
Boil	Cascade	15 g	15 min	6 %
Whirlpool	Citra	20 g	0 min	12 %
Whirlpool	Cascade	15 g	0 min	6 %
Dry Hop	Citra	30 g	4 day(s)	12 %
Dry Hop	Cascade	30 g	4 day(s)	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	---

Extras

Type	Name	Amount	Use for	Time
Fining	Mech irlandzki	5 g	Boil	10 min
Water Agent	Gips	4 g	Mash	75 min