

AIPA

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **53**
- SRM **4.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **8 %**
- Size with trub loss **25.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.5 liter(s)**

Mash information

- Mash efficiency **95 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **22.4 liter(s)**

Steps

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

Mash step by step

- Heat up **16.8 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **78C**
- Sparge using **19.3 liter(s)** of **76C** water or to achieve **30.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (89.3%)	80 %	7.5
Grain	Monachijski	0.2 kg (3.6%)	80 %	16
Grain	Weyermann - Carapils	0.4 kg (7.1%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	50 g	60 min	12.6 %
Whirlpool	Cascade	50 g	0 min	8.3 %
Whirlpool	Simcoe	5 g	0 min	12.6 %
Dry Hop	Cascade	50 g	3 day(s)	8.3 %
Dry Hop	Simcoe	50 g	3 day(s)	12.6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis