

AIPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **49**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **11 liter(s)**
- Total mash volume **14.4 liter(s)**

Steps

- Temp **62 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **11 liter(s)** of strike water to **68.5C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **1 min** at **78C**
- Sparge using **7.6 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	1.8 kg (52.6%)	80 %	5
Grain	Strzegom Pilzneński	1 kg (29.2%)	80 %	4
Grain	Płatki owsiane	0.25 kg (7.3%)	60 %	3
Grain	płatki jęczmienne	0.375 kg (10.9%)	60 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	15 g	60 min	15.5 %
Whirlpool	Warrior	15 g	15 min	15.5 %
Dry Hop	Citra	25 g	3 day(s)	12 %
Dry Hop	Mosaic	25 g	3 day(s)	10 %
Dry Hop	Cascade	25 g	3 day(s)	6 %
Dry Hop	Amarillo	25 g	3 day(s)	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	300 ml	Fermentis