

APA Citra 2024

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **59**
- SRM **5.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **6 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33 liter(s)**

Mash information

- Mash efficiency **82 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.8 liter(s)**
- Total mash volume **25 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (80%)	80 %	5
Grain	Pszeniczny	1 kg (16%)	85 %	5
Grain	Cookie	0.25 kg (4%)	75 %	70

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	20 g	60 min	15 %
Boil	Citra	20 g	15 min	13 %
Boil	Citra	40 g	10 min	13 %
Boil	Citra	40 g	5 min	13 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM54 Gorączka kalifornijska	Ale	Slant	500 ml	Fermentum Mobile