

APA

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **38**
- SRM **5**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (100%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	20 g	60 min	12 %
Boil	Amarillo	10 g	10 min	9.5 %
Boil	Palisade	20 g	5 min	7.5 %
Dry Hop	Mosaic	30 g	7 day(s)	10 %
Dry Hop	Cascade	30 g	5 day(s)	6 %

Yeasts

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