

Chowless

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **54**
- SRM **4.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **80 %**
- 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	4.1 kg (82%)	80 %	5
Grain	Viking Pilsner malt	0.9 kg (18%)	82 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Galaxy	20 g	30 min	15 %
Boil	Galaxy	50 g	10 min	15 %
Dry Hop	Galaxy	30 g	5 day(s)	15 %