

American Wheat

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **24**
- SRM **4**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **24.8 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **21.6 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **16.8 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **76C**
- Sparge using **12.8 liter(s)** of **76C** water or to achieve **24.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	2.4 kg (50%)	82 %	4
Grain	Viking Wheat Malt	2.4 kg (50%)	83 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Equanot	10 g	20 min	12.8 %
Boil	Equanot	15 g	5 min	12.8 %
Aroma (end of boil)	Equanot	35 g	5 min	12.8 %
Whirlpool	Equanot	35 g	0 min	12.8 %
Gdy temperatura poniżej 80 stopni, na 20 minut.				
Dry Hop	Equanot	50 g	4 day(s)	12.8 %

Yeasts

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