

American Wheat

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **16**
- SRM **3.9**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

Steps

- Temp **68 C**, Time **50 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **9 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **9.4 liter(s)** of **76C** water or to achieve **15.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	1.5 kg (50%)	82 %	4
Grain	Viking Wheat Malt	1.5 kg (50%)	83 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	5 g	60 min	13 %
Aroma (end of boil)	Mosaic	10 g	5 min	13 %
Dry Hop	Mosaic	15 g	3 day(s)	13 %
Dry Hop	Simcoe	30 g	2 day(s)	27 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	8 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Spice	Mięta	10 g	Secondary	5 day(s)