

Weselna APA

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **30**
- SRM **3.9**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4.2 liter(s) / kg**
- Mash size **23.5 liter(s)**
- Total mash volume **29.1 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **15 min**

Mash step by step

- Heat up **23.5 liter(s)** of strike water to **71.5C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **15 min** at **76C**
- Sparge using **12.5 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5.6 kg (100%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Iunga	25 g	60 min	10 %
Whirlpool	Amarillo	50 g	5 min	8.5 %
Whirlpool	Citra	25 g	5 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Hornidal	Ale	Slant	15 ml	Kveik