

Kveik

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **18**
- SRM **4.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **10 %**
- Size with trub loss **27.6 liter(s)**
- Boil time **35 min**
- Evaporation rate **8 %/h**
- Boil size **30.1 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **65 C**, Time **60 min**

Mash step by step

- Heat up **16.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **19.1 liter(s)** of **76C** water or to achieve **30.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	4.6 kg (83.6%)	80 %	7
Grain	Płatki owsiane	0.5 kg (9.1%)	85 %	3
Grain	Płatki orkiszowe	0.4 kg (7.3%)	80 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Summer	150 g	5 min	6.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM53 Voss kveik	Ale	Liquid	250 ml	FM