

MOSAIC BBC APA

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **27**
- SRM **3.9**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **17.5 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **1 min** at **78C**
- Sparge using **15 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

Fermentables

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

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	30 g	30 min	10 %
Boil	Mosaic	70 g	1 min	10 %
Dry Hop	Mosaic	100 g	2 day(s)	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Lalbrew Bry-97 West Coast	Ale	Dry	11 g	Lallemand

Extras

Type	Name	Amount	Use for	Time
Fining	Whirlflock	1 g	Boil	10 min
Water Agent	Sól Epsom	1 g	Mash	60 min
Water Agent	Gips Piowowski	3 g	Mash	60 min