

Hg

- Gravity **25.1 BLG**
- ABV **11.7 %**
- IBU **120**
- SRM **7.3**
- Style **American Barleywine**

Batch size

- Expected quantity of finished beer **11.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.7 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **16.6 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **67 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **12 liter(s)** of strike water to **78.8C**
- Add grains
- Keep mash **30 min** at **67C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **10.6 liter(s)** of **76C** water or to achieve **16.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Malt (2 Row) UK	6 kg (100%)	78 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	80 g	60 min	13.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Us	Ale	Dry	11 g	---