

Lunga Saaz PALE ALE

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **38**
- SRM **4.1**
- Style **Belgian Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.8 liter(s)**
- Total mash volume **25 liter(s)**

Steps

- Temp **62 C**, Time **45 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **18.8 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **45 min** at **62C**
- Keep mash **20 min** at **72C**
- Sparge using **19.2 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	6.25 kg (100%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	60 min	10.3 %
Aroma (end of boil)	Saaz (Czech Republic)	45 g	10 min	4.3 %
Dry Hop	Ahtanum	28 g	14 day(s)	4 %
Boil	lunga	15 g	10 min	9.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
us 05	Ale	Dry	16 g	---