

#85 Mosaic Lager

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **43**
- SRM **3.1**
- Style **Premium American Lager**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **18.1 liter(s)**
- Total mash volume **23.6 liter(s)**

Steps

- Temp **65 C**, Time **20 min**
- Temp **72 C**, Time **50 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **18.1 liter(s)** of strike water to **71.8C**
- Add grains
- Keep mash **20 min** at **65C**
- Keep mash **50 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **18.3 liter(s)** of **76C** water or to achieve **30.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Malteurop Lager	4.5 kg (81.8%)	82 %	3
Grain	Malteurop Wheat	0.5 kg (9.1%)	86.8 %	5
Grain	Weyermann - Carapils	0.5 kg (9.1%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	30 g	60 min	10 %
Boil	Mosaic	10 g	30 min	12.4 %
Boil	Mosaic	15 g	10 min	12.4 %
Boil	Mosaic	25 g	0 min	12.4 %
Dry Hop	Mosaic	50 g	4 day(s)	12.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast 2782 PC Staro-Prague Lager	Lager	Slant	200 ml	Wyeast