

Mosaic SH

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **32**
- SRM **6.5**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **4 %**
- Size with trub loss **24.8 liter(s)**
- Boil time **65 min**
- Evaporation rate **8 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **62 C**, Time **15 min**
- Temp **72 C**, Time **50 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **15 min** at **62C**
- Keep mash **50 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **17 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Munich I	1 kg (16.7%)	82 %	14
Grain	Simpsons - Maris Otter	4 kg (66.7%)	81 %	6
Grain	Weyermann - Carahell	1 kg (16.7%)	77 %	26

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	20 g	60 min	13.2 %
Boil	Mosaic	20 g	10 min	13.2 %
Dry Hop	Mosaic	60 g	2 day(s)	13.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M44 US West Coast	Ale	Dry	11 g	---

Extras

Type	Name	Amount	Use for	Time
Fining	protafloc	1 g	Boil	15 min