

## 02. Equinox & Mosaic IPA

- Gravity **13.8 BLG**
- ABV ---
- IBU **61**
- SRM **4.9**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

### Mash information

- Mash efficiency **83 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

### Steps

- Temp **68 C**, Time **40 min**
- Temp **63 C**, Time **30 min**

### Mash step by step

- Heat up **21 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **30 min** at **63C**
- Keep mash **40 min** at **68C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (83.3%)	80 %	5
Grain	Viking Munich Malt	0.5 kg (8.3%)	78 %	18
Grain	Weyermann - Dark Wheat Malt	0.5 kg (8.3%)	85 %	14

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	30 g	60 min	15.5 %
Boil	Equinox	50 g	5 min	13.1 %
Boil	Mosaic	50 g	5 min	10 %
Dry Hop	Equinox	50 g	2 day(s)	13.1 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis

### Extras

Type	Name	Amount	Use for	Time
Water Agent	gips	5 g	Boil	60 min