

## West Coast IPA #1

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **69**
- SRM **5.1**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **7 liter(s)**
- Trub loss **5 %**
- Size with trub loss **7.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **8.9 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.3 liter(s)**
- Total mash volume **9.7 liter(s)**

### Steps

- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

### Mash step by step

- Heat up **7.3 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **4 liter(s)** of **76C** water or to achieve **8.9 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.3 kg (94.7%)	80 %	5
Grain	Weyermann - Carapils	0.13 kg (5.3%)	78 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	8 g	60 min	11.8 %
Boil	Mosaic	22 g	15 min	11.8 %
Dry Hop	Mosaic	30 g	4 day(s)	11.8 %
Aroma (end of boil)	Centennial	10 g	3 min	9.5 %
Aroma (end of boil)	Citra	10 g	3 min	13.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	8.75 g	Fermentis