

## West Coast IPA double

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- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **65**
- SRM **5.6**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **32.2 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25.5 liter(s)**
- Total mash volume **34 liter(s)**

### Steps

- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **25.5 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **50 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.2 liter(s)** of **76C** water or to achieve **32.2 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	4.5 kg (52.9%)	85 %	7
Grain	Weyermann - Pilsner Malt	3.5 kg (41.2%)	81 %	5
Grain	Weyermann - Carapils	0.5 kg (5.9%)	78 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	50 g	55 min	13 %
Boil	Mosaic	50 g	10 min	10 %
Boil	Citra	50 g	5 min	12 %
Dry Hop	Citra	100 g	5 day(s)	12 %
Dry Hop	Mosaic	50 g	5 day(s)	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis