

West Coast vol 2

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **60**
- SRM **4.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **66 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **16.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **45 min** at **66C**
- Keep mash **15 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	3 kg (54.5%)	80 %	7
Grain	Viking Pale Ale malt	2 kg (36.4%)	80 %	5
Grain	Pszeniczny	0.5 kg (9.1%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Galaxy	20 g	60 min	15 %
Boil	Galaxy	15 g	20 min	15 %
Boil	Chinook	20 g	10 min	13 %
Boil	Galaxy	15 g	5 min	15 %
Whirlpool	Chinook	30 g	0 min	13 %
Whirlpool	Citra	50 g	0 min	12 %
Dry Hop	Nelson Sauvín	50 g	3 day(s)	11 %

Yeasts

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