

WEST COAST IPA

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **51**
- SRM **5.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **10 %**
- Size with trub loss **21.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **28.9 liter(s)**

Mash information

- Mash efficiency **68 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

Steps

- Temp **68 C**, Time **90 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **22.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **13.9 liter(s)** of **76C** water or to achieve **28.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Pilsen	5 kg (64.1%)	80.5 %	4
Grain	Weyermann - Pale Ale Malt	2.5 kg (32.1%)	85 %	7
Sugar	Candi Sugar, Clear	0.3 kg (3.8%)	78.3 %	2

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	20 g	60 min	12 %
Aroma (end of boil)	Mosaic	50 g	10 min	10 %
Aroma (end of boil)	Citra	80 g	5 min	12 %
Dry Hop	Mosaic	150 g	3 day(s)	10 %
Dry Hop	Motueka	100 g	3 day(s)	7 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Liquid	100 ml	Fermentum Mobile