

## Double West Coast IPA 2022\_05

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- Gravity **18.9 BLG**
- ABV ---
- IBU **100**
- SRM **5**
- 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 **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **24.8 liter(s)**
- Total mash volume **31.9 liter(s)**

### Steps

- Temp **55 C**, Time **15 min**
- Temp **62 C**, Time **60 min**
- Temp **78 C**, Time **15 min**

### Mash step by step

- Heat up **24.8 liter(s)** of strike water to **60C**
- Add grains
- Keep mash **15 min** at **55C**
- Keep mash **60 min** at **62C**
- Keep mash **15 min** at **78C**
- Sparge using **7.6 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3.3 kg (46.5%)	81 %	4
Grain	Viking Pale Ale malt	3.3 kg (46.5%)	80 %	5
Grain	Pszeniczny	0.5 kg (7%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	50 g	60 min	13.5 %
Aroma (end of boil)	Citra	50 g	15 min	12 %
Aroma (end of boil)	Sabro	50 g	5 min	15 %
Aroma (end of boil)	Amarillo	25 g	5 min	9.5 %
Dry Hop	Citra	50 g	5 day(s)	12 %
Dry Hop	Amarillo	25 g	5 day(s)	9.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Tormogarden	Ale	Dry	5 g	---