

## west coast ipa

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- Gravity **17.3 BLG**
- ABV ---
- IBU **55**
- SRM **5.1**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **25.6 liter(s)**
- Total mash volume **32.9 liter(s)**

### Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **25.6 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **78C**
- Sparge using **10.7 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

### Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński  | 6 kg (82.2%)  | 80 %  | 4   |
| Grain | Weyermann - Carapils | 0.5 kg (6.8%) | 78 %  | 4   |
| Grain | Oats, Flaked         | 0.3 kg (4.1%) | 80 %  | 2   |
| Grain | Pszeniczny           | 0.5 kg (6.8%) | 85 %  | 4   |

### Hops

| Use for | Name  | Amount | Time     | Alpha acid |
|---------|-------|--------|----------|------------|
| Boil    | lunga | 30 g   | 45 min   | 11.5 %     |
| Boil    | lunga | 20 g   | 30 min   | 11.5 %     |
| Boil    | Citra | 15 g   | 15 min   | 12.5 %     |
| Boil    | Citra | 15 g   | 5 min    | 12.5 %     |
| Boil    | Citra | 15 g   | 1 min    | 12.5 %     |
| Dry Hop | Citra | 50 g   | 4 day(s) | 12.5 %     |

### Yeasts

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

## Extras

| Type        | Name       | Amount | Use for | Time   |
|-------------|------------|--------|---------|--------|
| Fining      | Irish Moss | 5 g    | Boil    | 15 min |
| Water Agent | Gypsum     | 5 g    | Mash    | ---    |