

West Coast ipa

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **89**
- SRM **4.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **29.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **68 C**, Time **120 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **120 min** at **68C**
- Sparge using **17.1 liter(s)** of **76C** water or to achieve **29.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2 kg (33.3%) | 80 % | 5 |
| Grain | Strzegom Pilzniejszy | 3.5 kg (58.3%) | 80 % | 4 |
| Grain | Pszeniczny | 0.5 kg (8.3%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil | Citra | 15 g | 20 min | 12 % |
| Boil | Simcoe | 15 g | 20 min | 13.2 % |
| Boil | Amarillo | 15 g | 20 min | 9.5 % |
| Boil | Citra | 15 g | 5 min | 12 % |
| Boil | Simcoe | 15 g | 5 min | 13.2 % |
| Boil | Amarillo | 15 g | 5 min | 9.5 % |
| Aroma (end of boil) | Citra | 15 g | 20 min | 12 % |
| Aroma (end of boil) | Amarillo | 15 g | 20 min | 9.5 % |
| Aroma (end of boil) | Simcoe | 15 g | 20 min | 13.2 % |
| Whirlpool | Citra | 15 g | 30 min | 12 % |
| Whirlpool | Simcoe | 15 g | 30 min | 13.2 % |
| Whirlpool | Amarillo | 15 g | 30 min | 9.5 % |
| Dry Hop | Citra | 30 g | 4 day(s) | 12 % |

| | | | | |
|---------|----------|------|----------|--------|
| Dry Hop | Simcoe | 30 g | 4 day(s) | 13.2 % |
| Dry Hop | Amarillo | 30 g | 4 day(s) | 9.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale | Dry | 15 g | --- |