

#10 West Coast IPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **41**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **26.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Steps

- Temp **66 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **19.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **45 min** at **66C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **13.5 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 2 kg (30.8%) | 80 % | 5 |
| Grain | Pilznieński | 4 kg (61.5%) | 81 % | 4 |
| Grain | Pszeniczny | 0.5 kg (7.7%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------|--------|--------|------------|
| Boil | Citra | 15 g | 20 min | 12.9 % |
| Boil | Simcoe | 15 g | 20 min | 14.5 % |
| Boil | Southern Passion | 15 g | 20 min | 10.4 % |
| Boil | Citra | 15 g | 5 min | 12.9 % |
| Boil | Simcoe | 15 g | 5 min | 14.5 % |
| Boil | Southern Passion | 15 g | 5 min | 10.4 % |
| Aroma (end of boil) | Citra | 15 g | 0 min | 12.9 % |
| Aroma (end of boil) | Simcoe | 15 g | 0 min | 14.5 % |
| Aroma (end of boil) | Southern Passion | 15 g | 0 min | 10.4 % |
| Whirlpool | Citra | 15 g | 0 min | 12.9 % |
| Whirlpool | Simcoe | 15 g | 0 min | 14.5 % |

| | | | | |
|-----------|------------------|------|----------|--------|
| Whirlpool | Southern Passion | 15 g | 0 min | 10.4 % |
| Dry Hop | Citra | 30 g | 4 day(s) | 12.9 % |
| Dry Hop | Simcoe | 30 g | 4 day(s) | 14.5 % |
| Dry Hop | Southern Passion | 30 g | 4 day(s) | 10.4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale | Dry | 11.5 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|---------|--------|
| Fining | Mech irlandzki | 5 g | Boil | 10 min |

Notes

- Fermentacja 19-20 stopni - 3 tygodnie
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