

West Coast IPA v6 #62

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **68**
- SRM **4.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.5 liter(s)**
- Boil time **130 min**
- Evaporation rate **9 %/h**
- Boil size **27.6 liter(s)**

Mash information

- Mash efficiency **84.7 %**
- Liquor-to-grist ratio **3.93 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **25.1 liter(s)**

Steps

- Temp **64 C**, Time **70 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **20 liter(s)** of strike water to **69.6C**
- Add grains
- Keep mash **70 min** at **64C**
- Keep mash **5 min** at **76C**
- Sparge using **12.7 liter(s)** of **76C** water or to achieve **27.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|----------------|-------|-----|
| Grain | Viking pilzneński | 3 kg (58.8%) | 80 % | 4 |
| Grain | Viking pale ale | 2.1 kg (41.2%) | 79 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil | Warrior | 26 g | 60 min | 14.7 % |
| Aroma (end of boil) | Simcoe | 20 g | 15 min | 13.2 % |
| Aroma (end of boil) | Amarillo | 20 g | 10 min | 8.7 % |
| Aroma (end of boil) | Simcoe | 30 g | 5 min | 13.2 % |
| Aroma (end of boil) | Amarillo | 30 g | 1 min | 8.7 % |
| Dry Hop | Amarillo | 50 g | 3 day(s) | 8.7 % |
| Dry Hop | Simcoe | 50 g | 3 day(s) | 13.2 % |
| Dry Hop | Cascade PL | 50 g | 3 day(s) | 5.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|-------|--------|------------------|
| FM52 Amerykański Sen | Ale | Slant | 130 ml | Fermentum Mobile |
| gęstwa 1 dniowa | | | | |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------------|--------|---------|--------|
| Water Agent | gips | 6 g | Mash | 80 min |
| Water Agent | kwas mlekowy 80% [ml] | 4.78 g | Mash | 80 min |
| Water Agent | chlerek wapnia [ml] | 1.72 g | Mash | 80 min |
| Water Agent | epsom | 3.5 g | Mash | 80 min |
| Water Agent | mech irlandzki | 3 g | Boil | 5 min |