

West Coast IPA v2

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **77**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **10 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **16.6 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.5 liter(s)**
- Total mash volume **14.8 liter(s)**

Steps

- Temp **66 C**, Time **50 min**
- Temp **75 C**, Time **10 min**

Mash step by step

- Heat up **11.5 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **50 min** at **66C**
- Keep mash **10 min** at **75C**
- Sparge using **8.4 liter(s)** of **76C** water or to achieve **16.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Pilznieński | 1.8 kg (54.5%) | 81 % | 4 |
| Grain | Pale Ale Strzegom | 1.2 kg (36.4%) | 80 % | 6 |
| Grain | Pszeniczny Strzegom | 0.3 kg (9.1%) | 75 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------------------|--------|----------|------------|
| Boil | Columbus/Tomahawk/Zeus | 21 g | 60 min | 12 % |
| Boil | Summit | 9 g | 60 min | 15.5 % |
| Boil | lunga | 9 g | 30 min | 11 % |
| Whirlpool | Ahtanum | 18 g | 0 min | 5 % |
| Dry Hop | Sorachi Ace | 24 g | 3 day(s) | 12 % |
| Dry Hop | Mosaic | 15 g | 3 day(s) | 12.1 % |
| Dry Hop | Citra | 15 g | 3 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale | Dry | 6.6 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------|--------|---------|------|
| Water Agent | Gips piwowarski | 12 g | Mash | --- |