

West Coast IPA

- Gravity **16.6 BLG**
- ABV **7 %**
- IBU **69**
- SRM **6.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.3 liter(s)**
- Total mash volume **23 liter(s)**

Steps

- Temp **63 C**, Time **40 min**
- Temp **67 C**, Time **20 min**
- Temp **85 C**, Time **1 min**

Mash step by step

- Heat up **17.3 liter(s)** of strike water to **70.1C**
- Add grains
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **67C**
- Keep mash **1 min** at **85C**
- Sparge using **10.1 liter(s)** of **76C** water or to achieve **21.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2.5 kg (43.5%) | 80 % | 5 |
| Grain | Strzegom Pilzneński | 2.5 kg (43.5%) | 80 % | 4 |
| Grain | Strzegom Pszeniczny | 0.5 kg (8.7%) | 81 % | 6 |
| Grain | Karmelowy Czerwony | 0.25 kg (4.3%) | 75 % | 59 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------------------|--------|----------|------------|
| Boil | Columbus/Tomahawk/Zeus | 10 g | 60 min | 15.5 % |
| Boil | Sabro | 10 g | 60 min | 15 % |
| Boil | Citra | 10 g | 60 min | 12 % |
| Whirlpool | Sabro | 25 g | 20 min | 15 % |
| Whirlpool | Citra | 25 g | 20 min | 12 % |
| Dry Hop | Sabro | 25 g | 4 day(s) | 15 % |
| Dry Hop | Citra | 25 g | 4 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-------|-----|-------|--------|-----------|
| US-05 | Ale | Slant | 500 ml | Fermentis |
|-------|-----|-------|--------|-----------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|-------|--------|-----------|----------|
| Flavor | kokos | 100 g | Boil | 15 min |
| Flavor | kokos | 100 g | Secondary | 4 day(s) |