

West Coast IPA #1

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **66**
- SRM **6.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **15.6 liter(s)**
- Total mash volume **21.9 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 **15.6 liter(s)** of strike water to **71.6C**
- Add grains
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **67C**
- Keep mash **1 min** at **85C**
- Sparge using **14.8 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|--------------|-------|-----|
| Grain | Viking Pale Ale malt | 5 kg (80%) | 80 % | 5 |
| Grain | Strzegom Pszeniczny | 0.5 kg (8%) | 81 % | 6 |
| Grain | Viking red active | 0.5 kg (8%) | 80 % | 25 |
| Grain | Carahell | 0.25 kg (4%) | 77 % | 26 |

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 | 40 g | 20 min | 15 % |
| Whirlpool | Citra | 15 g | 20 min | 12 % |
| Dry Hop | Sabro | 50 g | 4 day(s) | 15 % |
| Dry Hop | Citra | 25 g | 4 day(s) | 12 % |

Yeasts

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

| | | | | |
|----------------------|-----|-------|---------|------------------|
| FM52 Amerykański Sen | Ale | Slant | 1000 ml | Fermentum Mobile |
|----------------------|-----|-------|---------|------------------|

Extras

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