

Kahurangi

- Gravity **14.4 BLG**
- ABV ---
- IBU **51**
- SRM **7.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **76C**
- Sparge using **17.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|--------------|-------|-----|
| Grain | Strzegom Pale Ale | 5 kg (71.4%) | 79 % | 6 |
| Grain | Carahell | 1 kg (14.3%) | 77 % | 26 |
| Grain | Strzegom pszeniczny | 1 kg (14.3%) | 81 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------------|--------|----------|------------|
| Boil | Waimea | 20 g | 60 min | 17 % |
| Boil | Waimea | 10 g | 15 min | 17 % |
| Boil | Green Bullet | 10 g | 15 min | 11 % |
| Boil | Sorachi Ace | 10 g | 15 min | 10 % |
| Boil | Waimea | 10 g | 5 min | 17 % |
| Boil | Sorachi Ace | 10 g | 5 min | 10 % |
| Boil | Green Bullet | 10 g | 5 min | 11 % |
| Dry Hop | Waimea | 10 g | 7 day(s) | 17 % |
| Dry Hop | Sorachi Ace | 10 g | 7 day(s) | 10 % |
| Dry Hop | Green Bullet | 10 g | 7 day(s) | 11 % |
| Dry Hop | Southern Cross | 15 g | 7 day(s) | 11 % |
| Dry Hop | Southern Cross | 15 g | 3 day(s) | 11 % |

| | | | | |
|---------|--------|------|----------|------|
| Dry Hop | Waimea | 10 g | 3 day(s) | 17 % |
|---------|--------|------|----------|------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-05 | Ale | Dry | 11.5 g | Safale |