

pacific pa 1

- Gravity **12.1 BLG**
- ABV ---
- IBU **39**
- SRM **4.9**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.1 liter(s)**
- Total mash volume **20.7 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **16.1 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **16 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 4 kg (87%) | 80 % | 4 |
| Grain | Strzegom Karmel 30 | 0.2 kg (4.3%) | 75 % | 30 |
| Grain | Strzegom Pszeniczny | 0.4 kg (8.7%) | 81 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|---------------|--------|----------|------------|
| Boil | Warrior | 10 g | 60 min | 17 % |
| Boil | Pacifica (NZ) | 15 g | 20 min | 4.8 % |
| Boil | vic secret | 15 g | 10 min | 16.1 % |
| Boil | Pacifica (NZ) | 10 g | 0 min | 4.8 % |
| Boil | vic secret | 10 g | 0 min | 16.1 % |
| Whirlpool | Pacifica (NZ) | 20 g | 30 min | 4.8 % |
| Whirlpool | vic secret | 20 g | 30 min | 16.1 % |
| Dry Hop | Pacifica (NZ) | 30 g | 4 day(s) | 4.8 % |
| Dry Hop | vic secret | 30 g | 4 day(s) | 16.1 % |
| Boil | vic secret | 10 g | 5 min | 16.1 % |

Yeasts

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

| | | | | |
|--------------|-----|-----|--------|-----------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |
|--------------|-----|-----|--------|-----------|

Notes

- 12 blg - 3 blg burzliwa 7 dni
zabutkowano 16.09.16
dodano 4 gr glukozy na 0,5l
Aug 24, 2016, 6:33 PM