

Citrus Pale Ale

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **38**
- SRM **4.7**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.2 liter(s)**

Mash information

- Mash efficiency **79 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

Steps

- Temp **67 C**, Time **40 min**
- Temp **70 C**, Time **20 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **10.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **40 min** at **67C**
- Keep mash **20 min** at **70C**
- Keep mash **1 min** at **78C**
- Sparge using **9.2 liter(s)** of **76C** water or to achieve **16.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 2 kg (57.1%) | 82 % | 4 |
| Grain | Strzegom Monachijski typ I | 0.5 kg (14.3%) | 79 % | 16 |
| Grain | Płatki owsiane | 0.4 kg (11.4%) | 85 % | 3 |
| Grain | Pszeniczny | 0.5 kg (14.3%) | 85 % | 4 |
| Grain | Płatki pszeniczne | 0.1 kg (2.9%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Magnat | 17 g | 60 min | 14.1 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 130 ml | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|-------|------------------------------------|------|------|-------|
| Spice | suszona skórka pomarańczy | 30 g | Boil | 1 min |
| Spice | suszona skórka cytryny | 20 g | Boil | 1 min |
| Spice | mrożona skórka pomarańczy i cytryn | 50 g | Boil | 1 min |

Notes

- Zaskakująca wysoka wydajność
Nov 11, 2018, 7:27 PM