

Kolsh APA

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **45**
- SRM **3.5**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **12 %**
- Size with trub loss **19 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **17.6 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **50 C**, Time **20 min**
- Temp **69 C**, Time **60 min**
- Temp **65 C**, Time **40 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **17.6 liter(s)** of strike water to **53.8C**
- Add grains
- Keep mash **20 min** at **50C**
- Keep mash **40 min** at **65C**
- Keep mash **60 min** at **69C**
- Keep mash **10 min** at **78C**
- Sparge using **10.6 liter(s)** of **76C** water or to achieve **23.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Viking Pilsner malt | 4 kg (90.9%) | 82 % | 4 |
| Grain | Płatki owsiane | 0.4 kg (9.1%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|---------|--------|--------|------------|
| Boil | Mosaic | 10 g | 60 min | 13 % |
| Boil | Citra | 20 g | 10 min | 13 % |
| Boil | Motueka | 10 g | 5 min | 7 % |
| Boil | Citra | 20 g | 1 min | 13 % |
| Whirlpool | Mosaic | 10 g | 45 min | 10 % |
| Whirlpool | Motueka | 10 g | 45 min | 7 % |
| Whirlpool | Citra | 10 g | 45 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale K-97 | Ale | Dry | 11.5 g | Fermentis |

Notes

- Fermentacja:
ok. 14 dni burzliwa 16 stopni C. Blg spadło do 2 stopni
ok. 10 dni cicha 14 stopni C
Zabutelowane 28.04.2020
Ogólnie prawie całkiem klarowane, piękny cytrusowy aromat, słodko-ściąająca goryczka, leciutkie, lekkie odczucie alkoholu w ustach... Powinno być bardziej goryczkowe: goryczka tylko lekko wyczuwalna... = ZA
MAŁO
Apr 28, 2020, 8:53 PM