

porterek z bałtyku

- Gravity **21.3 BLG**
- ABV **9.5 %**
- IBU **32**
- SRM **34.3**
- Style **Baltic Porter**

Batch size

- Expected quantity of finished beer **7 liter(s)**
- Trub loss **5 %**
- Size with trub loss **7.3 liter(s)**
- Boil time **140 min**
- Evaporation rate **10 %/h**
- Boil size **10 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.5 liter(s)**
- Total mash volume **14.8 liter(s)**

Steps

- Temp **65 C**, Time **45 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **11.5 liter(s)** of strike water to **71.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **1.8 liter(s)** of **76C** water or to achieve **10 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Strzegom Wiedeński | 1 kg (30.3%) | 79 % | 10 |
| Grain | słód moinachijski jasny | 0.5 kg (15.2%) | 79 % | 15 |
| Grain | słód monachijski ciemny | 0.8 kg (24.2%) | 79 % | 22 |
| Grain | Karmelowy Jasny 30EBC | 0.2 kg (6.1%) | 75 % | 30 |
| Grain | Strzegom Czekoladowy jasny | 0.15 kg (4.5%) | 68 % | 400 |
| Grain | Strzegom Czekoladowy ciemny | 0.15 kg (4.5%) | 68 % | 950 |
| Grain | Płatki owsiane | 0.5 kg (15.2%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil | Magnat | 4 g | 50 min | 14 % |
| Boil | Lublin (Lubelski) | 10 g | 40 min | 3 % |
| Boil | Lublin (Lubelski) | 20 g | 30 min | 3 % |
| Aroma (end of boil) | Lublin (Lubelski) | 30 g | 5 min | 3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------|-------|------|--------|------------|
| W34/70 | Lager | Dry | 7 g | - |

Notes

- fermentacja burzliwa 21 dni
fermentacja cicha 3 miesiące
Temperatura do 10 °C

nagazowanie niskie 2,1W
2,0g na butelkę 0,5l
1,5g na butelkę 0,33l
Jul 23, 2022, 9:49 AM