

Baltic Porter W39

- Gravity **22.9 BLG**
- ABV **10.4 %**
- IBU **39**
- SRM **32.9**
- Style **Baltic Porter**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 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 **35.3 liter(s)**
- Total mash volume **47.1 liter(s)**

Steps

- Temp **68 C**, Time **90 min**

Mash step by step

- Heat up **35.3 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **90 min** at **68C**
- Sparge using **8.2 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------------|----------------|-------|------|
| Grain | Maris Otter Crisp | 8.2 kg (69.6%) | 83 % | 6 |
| Grain | Słód Wędzony Steinbach | 1 kg (8.5%) | 80 % | 5 |
| Grain | Caramunich® typ I | 0.5 kg (4.2%) | 73 % | 80 |
| Grain | Słód Caramunich Typ II Weyermann | 0.5 kg (4.2%) | 73 % | 120 |
| Grain | Weyermann Caramunich 3 | 0.5 kg (4.2%) | 76 % | 150 |
| Grain | Czekoladowy | 0.43 kg (3.7%) | 60 % | 788 |
| Grain | Carafa II | 0.25 kg (2.1%) | 70 % | 1000 |
| Grain | Płatki owsiane | 0.4 kg (3.4%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Magnum | 50 g | 60 min | 13.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------------------|-------|--------|--------|-------------|
| Wyeast - Bohemian Lager | Lager | Liquid | 50 ml | Wyeast Labs |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-------------------------|--------|---------|--------|
| Flavor | śliwka suska sechłońska | 250 g | Boil | 10 min |
| Flavor | łuska kakaowca | 100 g | Boil | 10 min |

Notes

- Mało tego wyszło. Ledwo co 17l.
Po burzliwej piwo smaczne, Suska wyczuwalna na odpowiednim poziomie.
Piwo, przez dodanie całego startera jest za jasne (czerwone).
Kakao z łuski niewyczuwalne.
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