

Hefe-Weizen

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **10**
- SRM **10**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **25.6 liter(s)**
- Total mash volume **32.9 liter(s)**

Steps

- Temp **62 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **75 C**, Time **5 min**

Mash step by step

- Heat up **25.6 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **75C**
- Sparge using **10.7 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszoniczny	4.5 kg (61.6%)	85 %	4
Grain	Pilzniejszy	2.5 kg (34.2%)	81 %	4
Grain	Fawcett - Pale Chocolate	0.05 kg (0.7%)	71 %	600
Grain	Strzegom Karmel 30	0.2 kg (2.7%)	75 %	30
Grain	Strzegom Czekoladowy ciemny	0.05 kg (0.7%)	68 %	1200

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau	25 g	60 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	1000 ml	Fermentum Mobile