

Earl Grey Witbier

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **15**
- SRM **3.3**
- Style **Witbier**

Batch size

- Expected quantity of finished beer **12.5 liter(s)**
- Trub loss **4 %**
- Size with trub loss **13 liter(s)**
- Boil time **70 min**
- Evaporation rate **20 %/h**
- Boil size **16.5 liter(s)**

Mash information

- Mash efficiency **79 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **8.9 liter(s)**
- Total mash volume **11.6 liter(s)**

Steps

- Temp **68 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **8.9 liter(s)** of strike water to **75.3C**
- Add grains
- Keep mash **40 min** at **68C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **16.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	1.5 kg (55.6%)	81 %	4
Grain	Płatki pszeniczne	0.4 kg (14.8%)	85 %	3
Grain	Barley, Flaked	0.4 kg (14.8%)	70 %	4
Grain	Oats, Flaked	0.4 kg (14.8%)	80 %	2

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	20 g	60 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Brewferm Blanche	Ale	Dry	5 g	---

Extras

Type	Name	Amount	Use for	Time
Spice	Kolendra	10 g	Boil	15 min
Spice	Curacao	10 g	Boil	15 min

Spice	Bergamotka	10 g	Boil	15 min
Spice	Herbata earl grey	30 g	Secondary	1 day(s)