

Flos Wit

- Gravity **8.5 BLG**
- ABV **3.3 %**
- IBU **18**
- SRM **3**
- Style **Witbier**

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 **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.1 liter(s)**
- Total mash volume **14.8 liter(s)**

Steps

- Temp **42 C**, Time **30 min**
- Temp **51 C**, Time **20 min**
- Temp **62 C**, Time **20 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **11.1 liter(s)** of strike water to **45.7C**
- Add grains
- Keep mash **30 min** at **42C**
- Keep mash **20 min** at **51C**
- Keep mash **20 min** at **62C**
- Keep mash **20 min** at **72C**
- Sparge using **21.6 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Bohemian Pilsner Malt	2.5 kg (65.4%)	81 %	4
Grain	Weyermann pszeniczny jasny	1.2 kg (31.4%)	80 %	6
Adjunct	Płatki owsiane	0.12 kg (3.1%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Tradition	30 g	60 min	5 %
Boil	Saaz (Czech Republic)	10 g	10 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	11.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Spice	Kolendra	11 g	Boil	10 min
Spice	Gorzka skórka pomarańczy	8 g	Boil	10 min