

# Witbier

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **32**
- SRM **3.3**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **17.2 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.5 kg (58.1%)	81 %	4
Grain	Pszeniczny	1.3 kg (30.2%)	85 %	4
Grain	Płatki pszeniczne	0.5 kg (11.6%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Willamette	60 g	15 min	5 %
Boil	Sterling	30 g	60 min	4.5 %

## Yeasts

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

## Extras

Type	Name	Amount	Use for	Time
Spice	Skórka pomarańczy	40 g	Boil	15 min
Spice	Kolendra	20 g	Boil	15 min