

## #67 Whisky Pils

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **31**
- SRM **4.3**
- Style **Standard American Lager**

### Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/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)**

### Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

### Mash step by step

- Heat up **12.9 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **0 min** at **78C**
- Sparge using **16.7 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzniejszy	2 kg (46.5%)	80 %	4
Grain	Peat Smoked Malt	2 kg (46.5%)	74 %	6
Grain	Caramel/Crystal Malt - 10L	0.3 kg (7%)	75 %	20

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Oktawia	30 g	60 min	7.1 %
Boil	Oktawia	20 g	10 min	7.1 %
Boil	Oktawia	50 g	0 min	7.1 %
Dry Hop	Oktawia	100 g	4 day(s)	7.1 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM30 Bohemska rapsodia	Lager	Liquid	30 ml	Fermentum Mobile