

Sciepa

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **43**
- SRM **8.9**
- Style **Specialty Beer**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.4 liter(s)**
- Total mash volume **16.6 liter(s)**

Steps

- Temp **64 C**, Time **60 min**

Mash step by step

- Heat up **12.4 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **64C**
- Sparge using **14.6 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	1.5 kg (36.1%)	80 %	4
Grain	Pszeniczny	2.5 kg (60.2%)	85 %	4
Grain	Słód Caramunich Typ II Weyermann	0.1 kg (2.4%)	73 %	120
Grain	Carafa special Type 2	0.05 kg (1.2%)	73 %	1100

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	20 g	60 min	13 %
Boil	Citra	20 g	10 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM53 Voss kveik	Ale	Liquid	30 ml	FM