

Wędzonka

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **33**
- SRM **12.5**
- Style **Classic Rauchbier**

Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **10 %**
- Size with trub loss **28.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **35.9 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21.7 liter(s)**
- Total mash volume **27.9 liter(s)**

Steps

- Temp **67 C**, Time **75 min**

Mash step by step

- Heat up **21.7 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **75 min** at **67C**
- Sparge using **20.4 liter(s)** of **76C** water or to achieve **35.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Steinbach Karamel Pils	5 kg (80.6%)	79 %	5
Grain	Strzegom Wiedeński	1 kg (16.1%)	79 %	6
Grain	Carafa I	0.2 kg (3.2%)	70 %	900

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	30 g	60 min	13.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
w34/70	Lager	Dry	11.5 g	---