

pszenica

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **14**
- SRM **4.5**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **9 liter(s)**
- Trub loss **5 %**
- Size with trub loss **9.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **11.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.5 liter(s)**
- Total mash volume **10 liter(s)**

Steps

- Temp **64 C**, Time **45 min**
- Temp **72 C**, Time **15 min**

Mash step by step

- Heat up **7.5 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **45 min** at **64C**
- Keep mash **15 min** at **72C**
- Sparge using **6.9 liter(s)** of **76C** water or to achieve **11.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód pszeniczny Bestmalz	1 kg (40%)	82 %	5
Grain	Briess - Pale Ale Malt	1 kg (40%)	80 %	7
Grain	Płatki owsiane	0.5 kg (20%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	10 g	10 min	10.5 %
Aroma (end of boil)	Mosaic	10 g	5 min	10.5 %
Dry Hop	Mosaic	30 g	4 day(s)	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	5 g	Fermentis