

American wheat

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **29**
- SRM **4.2**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.8 liter(s)**
- Total mash volume **10.4 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **7.8 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **7.5 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	1.3 kg (50%)	80 %	4
Grain	Strzegom Pszeniczny	1.3 kg (50%)	81 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	7 g	60 min	12.5 %
Boil	Willamette	15 g	15 min	4.2 %
Boil	Cascade PL	6 g	15 min	5.5 %
Aroma (end of boil)	Cascade PL	7 g	0 min	5.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis