

# Latający Wojtek

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **24**
- SRM **4**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

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

## Mash step by step

- Heat up **15 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **15.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Wheat Malt	4 kg (80%)	83 %	5
Grain	Viking Pilsner malt	1 kg (20%)	82 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	15 g	60 min	10 %
Aroma (end of boil)	Mosaic	10 g	5 min	10 %
Aroma (end of boil)	Simcoe	10 g	5 min	13.2 %
Aroma (end of boil)	Citra	10 g	5 min	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Other	otręby owsiane	300 g	Mash	60 min

## Notes

- BIAB w pełnej objętości wody  
woda przefiltrowana RO z dodatkiem żyzeczki gipsu piwowarskiego.

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