

# KRK e.21 -23.07.2023

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **29**
- SRM **3.4**
- Style **American Pale Ale**

## 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 **15 %/h**
- Boil size **23.8 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

## Steps

- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **10.5 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **16.8 liter(s)** of **76C** water or to achieve **23.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Pilsen	3.3 kg (94.3%)	80.5 %	4
Grain	Monachijski	0.2 kg (5.7%)	80 %	16

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	16 g	60 min	12.4 %
Boil	Saaz (Czech Republic)	15 g	10 min	4.2 %
Aroma (end of boil)	Saaz (Czech Republic)	20 g	1 min	4.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand - LalBrew Voss Kveik	Ale	Slant	150 ml	Lallemand

## Notes

- Kveik Czech Pale Ale  
23.07.2023.

Brzeczka nastawna = 19 litrów, 11,2 BLG  
Drożdże: Gęstwa Voss Kveik Lallemmand (24.07.)  
*Jul 24, 2023, 11:25 PM*