

# PSEUDO VIENNA LUTRA

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- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **24**
- SRM **8.1**
- Style **Vienna Lager**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.3 liter(s)**
- Boil time **75 min**
- Evaporation rate **15 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.5 liter(s)**
- Total mash volume **24.6 liter(s)**

## Steps

- Temp **68 C**, Time **70 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **18.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **5 min** at **76C**
- Sparge using **16.7 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Wiedeński	4 kg (65%)	79 %	10
Grain	Weyermann - Monachijski I	2 kg (32.5%)	80 %	16
Grain	Weyermann - Melanoidowy	0.15 kg (2.4%)	75 %	70

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Tradition (DE)	60 g	60 min	4.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Omega Kveik Lutra OYL-071	Ale	Slant	150 ml	---

## Extras

Type	Name	Amount	Use for	Time
Finning	whirlfloc tabletki	1.5 g	Boil	10 min

Other	pożywka Servomyces Lallemand	0.3 g	Boil	10 min
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## Notes

- Woda RO modyfikowana do wartości w PPM  
Ca-55  
Mg-10  
Na-25  
Cl-100  
S04-55  
HCO3-40  
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