

SH Loral

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **28**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.4 liter(s)**
- Total mash volume **15.2 liter(s)**

Steps

- Temp **65 C**, Time **15 min**
- Temp **72 C**, Time **45 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **11.4 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **15 min** at **65C**
- Keep mash **45 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **7.6 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Pilsen	2.8 kg (73.7%)	80.5 %	4
Grain	Platki owsiane	1 kg (26.3%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Loral	20 g	15 min	14 %
Boil	Loral	10 g	5 min	14 %
Dry Hop	Loral	90 g	3 day(s)	14 %

Yeasts

Name	Type	Form	Amount	Laboratory
Lutra OYL-071	Ale	Slant	100 ml	Omega

Notes

- Woda RO:Kran modyfikowana kwasem mlekowym
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