

Independent NEIPA

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **28**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **0 %**
- Size with trub loss **22 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **69 C**, Time **70 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **70 min** at **69C**
- Sparge using **14.8 liter(s)** of **76C** water or to achieve **26.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (66.7%)	80 %	5
Grain	Pszeniczny	1 kg (16.7%)	85 %	4
Grain	Płatki pszeniczne	0.5 kg (8.3%)	60 %	3
Grain	Płatki owsiane	0.5 kg (8.3%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Cascade	50 g	20 min	7.1 %
Whirlpool	Chinook	50 g	20 min	12 %
Dry Hop	Mosaic	30 g	4 day(s)	10 %
Dry Hop	Galaxy	50 g	4 day(s)	14 %
Dry Hop	Citra	50 g	5 day(s)	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
WLP066 - London Fog	Ale	Liquid	40 ml	White Labs