

Popita

- Gravity **16.6 BLG**
- ABV **7 %**
- IBU **23**
- SRM **5.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **23.1 liter(s)**
- Total mash volume **30.1 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **23.1 liter(s)** of strike water to **73C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **0 min** at **78C**
- Sparge using **13.7 liter(s)** of **76C** water or to achieve **29.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	6 kg (85.7%)	85 %	6
Grain	Strzegom Pszeniczny	1 kg (14.3%)	81 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Challenger	30 g	60 min	5.8 %
Boil	Mosaic	10 g	30 min	10.4 %
Boil	Mosaic	10 g	10 min	10.4 %
Aroma (end of boil)	Mosaic	10 g	0 min	10.4 %
Aroma (end of boil)	Huell Melon	25 g	0 min	6.8 %
Dry Hop	Mosaic	20 g	7 day(s)	10.4 %
Dry Hop	Huell Melon	25 g	7 day(s)	6.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	Safale