

American IPA 01

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **124**
- SRM **7.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **17.5 liter(s)**
- Trub loss **2 %**
- Size with trub loss **18.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.34 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **23.4 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **74.1C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **9.3 liter(s)** of **76C** water or to achieve **21.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	4.8 kg (88.9%)	79 %	6
Grain	Caramel/Crystal Malt - 20L	0.4 kg (7.4%)	75 %	39
Grain	Aromatic Malt	0.2 kg (3.7%)	78 %	51

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Bravo	35 g	60 min	15.5 %
Boil	Citra	15 g	60 min	12 %
Boil	Citra	25 g	15 min	12 %
Boil	Citra	25 g	10 min	12 %
Boil	Cascade	45 g	10 min	6 %
Dry Hop	Cascade	15 g	7 day(s)	6 %
Dry Hop	Mosaic	35 g	7 day(s)	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11.5 g	---