

AIPA Homebrewing.pl

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **45**
- SRM **8.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **28.4 liter(s)**

Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **65 C**, Time **40 min**
- Temp **70 C**, Time **30 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **40 min** at **65C**
- Keep mash **30 min** at **70C**
- Keep mash **1 min** at **76C**
- Sparge using **16.4 liter(s)** of **76C** water or to achieve **28.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	5 kg (83.3%)	85 %	7
Grain	Strzegom Monachijski typ I	0.7 kg (11.7%)	79 %	16
Grain	Caramel/Crystal Malt - 10L	0.3 kg (5%)	75 %	120

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	30 g	90 min	6 %
Boil	Cascade	30 g	65 min	6 %
Boil	Willamette	30 g	20 min	5 %
Boil	Willamette	30 g	1 min	5 %
Dry Hop	Cascade	30 g	7 day(s)	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM 42	Ale	Slant	120 ml	---

Extras

Type	Name	Amount	Use for	Time
Water Agent	gips piwowarski	4 g	Mash	70 min
Fining	whirlfloc t	0.5 g	Boil	10 min