

APA Citra + Saaz

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **64**
- SRM **6.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **66 C**, Time **70 min**
- Temp **77 C**, Time **5 min**

Mash step by step

- Heat up **16.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **70 min** at **66C**
- Keep mash **5 min** at **77C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Monachijski typ II	2 kg (36.4%)	79 %	22
Grain	Viking Pale Ale malt	3 kg (54.5%)	80 %	5
Grain	Weyermann - Carapils	0.5 kg (9.1%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	25 g	60 min	14.2 %
Boil	Citra	25 g	15 min	14.2 %
Boil	Saaz (Czech Republic)	25 g	10 min	5.5 %
Boil	Saaz (Czech Republic)	25 g	5 min	5.5 %
Dry Hop	Saaz (Czech Republic)	50 g	7 day(s)	5.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	100 ml	Fermentis