

APA

- Gravity **12.1 BLG**
- ABV ---
- IBU **37**
- SRM **4.7**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

Steps

- Temp **65 C**, Time **60 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	6 kg (100%)	79 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	15 g	60 min	12.5 %
Boil	Citra	15 g	15 min	12.5 %
Boil	Mosaic	15 g	15 min	10 %
Boil	Mosaic	15 g	5 min	10 %
Dry Hop	Amarillo	50 g	4 day(s)	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11 g	---