

CITRA

- Gravity **13.1 BLG**
- ABV ---
- IBU **43**
- SRM **6.9**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **0 %**
- Size with trub loss **25 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.3 liter(s)**
- Total mash volume **23 liter(s)**

Steps

- Temp **67 C**, Time **90 min**

Mash step by step

- Heat up **17.3 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **90 min** at **67C**
- Sparge using **18.8 liter(s)** of **76C** water or to achieve **30.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom pszeniczny	0.5 kg (8.7%)	81 %	6
Grain	Strzegom Karmel 30	0.25 kg (4.3%)	75 %	30
Grain	Briess - Pale Ale Malt	5 kg (87%)	80 %	7

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	25 g	60 min	13.5 %
Boil	Citra	15 g	15 min	13.5 %
Aroma (end of boil)	Citra	35 g	0 min	13.5 %
Dry Hop	Citra	50 g	4 day(s)	13.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-05	Ale	Slant	200 ml	Safale