

# COFFEE PINE APA

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **37**
- SRM **7**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.5 liter(s)**
- Total mash volume **20.7 liter(s)**

## Steps

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

## Mash step by step

- Heat up **15.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **17.5 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Castle Pale Ale	4 kg (77.4%)	80 %	8
Grain	Strzegom Wiedeński	0.25 kg (4.8%)	79 %	10
Grain	Płatki owsiane	0.5 kg (9.7%)	85 %	3
Grain	Strzegom Karmel 150	0.22 kg (4.3%)	75 %	150
Grain	Briess - Carapils Malt	0.2 kg (3.9%)	74 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	16 g	20 min	15.1 %
Boil	Chinook	15 g	20 min	12.8 %
Whirlpool	Cascade	30 g	30 min	7.1 %
Whirlpool	Centennial	10 g	30 min	9.7 %

## Yeasts

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

## Extras

Type	Name	Amount	Use for	Time
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Flavor	COLDBREW LAVAZZA	50 g	Bottling	---
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### Notes

- COLDBREW LAVAZZA 50g/500ml 24h.  
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