

# AIPA

- Gravity **15.4 BLG**
- ABV ---
- IBU **88**
- SRM **5.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **75 min**
- Evaporation rate **15 %/h**
- Boil size **26.1 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.33 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **20 liter(s)** of strike water to **72.9C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **76C**
- Sparge using **12.1 liter(s)** of **76C** water or to achieve **26.1 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount         | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 5.2 kg (86.7%) | 74 %  | 3   |
| Grain | Briess - Carapils Malt    | 0.4 kg (6.7%)  | 74 %  | 3   |
| Grain | Carared                   | 0.4 kg (6.7%)  | 75 %  | 39  |

## Hops

| Use for             | Name    | Amount | Time     | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil                | Chinook | 50 g   | 60 min   | 13 %       |
| Boil                | Cascade | 60 g   | 5 min    | 6 %        |
| Boil                | Chinook | 50 g   | 5 min    | 13 %       |
| Aroma (end of boil) | Cascade | 40 g   | 0 min    | 6 %        |
| Aroma (end of boil) | Citra   | 60 g   | 0 min    | 12 %       |
| Dry Hop             | Citra   | 70 g   | 0 day(s) | 12 %       |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 23 g   | Fermentis  |

## Extras

| Type   | Name           | Amount | Use for | Time   |
|--------|----------------|--------|---------|--------|
| Fining | mech irlandzki | 5 g    | Boil    | 15 min |