

# Mint AIPA

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **64**
- SRM **8.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

- Temp **66 C**, Time **45 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **19.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **45 min** at **66C**
- Keep mash **10 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **14.5 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 4 kg (61.5%)  | 80 %  | 5   |
| Grain | Carahell             | 2 kg (30.8%)  | 77 %  | 26  |
| Grain | Weyermann - Carared  | 0.5 kg (7.7%) | 75 %  | 45  |

## Hops

| Use for | Name     | Amount | Time      | Alpha acid |
|---------|----------|--------|-----------|------------|
| Boil    | Warrior  | 30 g   | 50 min    | 15.5 %     |
| Boil    | Amarillo | 60 g   | 10 min    | 7.7 %      |
| Boil    | Citra    | 30 g   | 5 min     | 13 %       |
| Dry Hop | Simcoe   | 30 g   | 14 day(s) | 13.2 %     |
| Dry Hop | Amarillo | 30 g   | 14 day(s) | 7.7 %      |

## Yeasts

| Name                                 | Type | Form   | Amount | Laboratory       |
|--------------------------------------|------|--------|--------|------------------|
| FM52 Amerykański Sen                 | Ale  | Liquid | 20 ml  | Fermentum Mobile |
| Jedna fiolka, starter drożdżowy - 1l |      |        |        |                  |

## Extras

| Type                      | Name                    | Amount | Use for   | Time      |
|---------------------------|-------------------------|--------|-----------|-----------|
| Herb                      | Mięta pieprzowa suszona | 15 g   | Boil      | 5 min     |
| Herb                      | Mięta pieprzowa suszona | 10 g   | Secondary | 14 day(s) |
| Napar - szklanka ok 125ml |                         |        |           |           |