

# BLUE AIPA

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- Gravity **15 BLG**
- ABV ---
- IBU **68**
- SRM **4.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **52 C**, Time **10 min**
- Temp **66 C**, Time **45 min**
- Temp **72 C**, Time **25 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **45 min** at **66C**
- Keep mash **25 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount      | Yield | EBC |
|-------|----------------------|-------------|-------|-----|
| Grain | Viking Pale Ale malt | 6 kg (100%) | 80 %  | 5   |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Warrior | 25 g   | 60 min | 15.5 %     |
| Boil    | Galena  | 25 g   | 20 min | 12 %       |
| Boil    | Citra   | 25 g   | 10 min | 12 %       |

## Yeasts

| Name                 | Type | Form   | Amount | Laboratory       |
|----------------------|------|--------|--------|------------------|
| FM52 Amerykański Sen | Ale  | Liquid | 50 ml  | Fermentum Mobile |

## Extras

| Type | Name                 | Amount | Use for | Time      |
|------|----------------------|--------|---------|-----------|
| Herb | Klitoria Ternateńska | 25 g   | Boil    | 60 min    |
| Herb | Klitoria Ternateńska | 25 g   | Primary | 10 day(s) |

|      |                      |      |           |           |
|------|----------------------|------|-----------|-----------|
| Herb | Klitoria Ternateńska | 25 g | Secondary | 14 day(s) |
|------|----------------------|------|-----------|-----------|