

# Hibiscus Tea Ale

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **24**
- SRM **3.9**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **24 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **19.3 liter(s)**
- Total mash volume **24.8 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **20 min**

## Mash step by step

- Heat up **19.3 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **20 min** at **78C**
- Sparge using **10.2 liter(s)** of **76C** water or to achieve **24 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount        | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Viking Pilsner malt | 5 kg (90.9%)  | 82 %  | 4   |
| Grain | Viking Wheat Malt   | 0.5 kg (9.1%) | 83 %  | 5   |

## Hops

| Use for             | Name         | Amount | Time     | Alpha acid |
|---------------------|--------------|--------|----------|------------|
| Boil                | Simcoe       | 5 g    | 60 min   | 13.2 %     |
| Aroma (end of boil) | Simcoe       | 10 g   | 10 min   | 13.2 %     |
| Aroma (end of boil) | Simcoe       | 20 g   | 5 min    | 13.2 %     |
| Aroma (end of boil) | Enigma (AUS) | 20 g   | 5 min    | 17.2 %     |
| Dry Hop             | Simcoe       | 30 g   | 7 day(s) | 13.2 %     |
| Dry Hop             | Enigma (AUS) | 20 g   | 7 day(s) | 17.2 %     |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 10 g   | Fermentis  |

## Extras

| Type  | Name     | Amount | Use for | Time  |
|-------|----------|--------|---------|-------|
| Spice | hibiscus | 70 g   | Boil    | 5 min |

|       |                                 |      |           |          |
|-------|---------------------------------|------|-----------|----------|
| Spice | herbata basilur<br>nuwara eliya | 10 g | Boil      | 0 min    |
| Spice | hibiscus                        | 30 g | Secondary | 7 day(s) |