

# IPA SH Sabro

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- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **57**
- SRM **4.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

## Mash step by step

- Heat up **9 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **72C**
- Sparge using **6.7 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

## Fermentables

| Type  | Name           | Amount         | Yield | EBC |
|-------|----------------|----------------|-------|-----|
| Grain | Pilznieński    | 2.5 kg (83.3%) | 81 %  | 4   |
| Grain | Płatki owsiane | 0.5 kg (16.7%) | 85 %  | 3   |

## Hops

| Use for             | Name  | Amount | Time     | Alpha acid |
|---------------------|-------|--------|----------|------------|
| Boil                | Sabro | 20 g   | 60 min   | 12 %       |
| Aroma (end of boil) | Sabro | 20 g   | 5 min    | 12 %       |
| Dry Hop             | Sabro | 40 g   | 3 day(s) | 12 %       |