

# Saguaro Pils

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **41**
- SRM **3.3**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **33.5 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Steps

- Temp **52 C**, Time **20 min**
- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **16.5 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **20 min** at **52C**
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **22.5 liter(s)** of **76C** water or to achieve **33.5 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount        | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Viking Pilsner malt | 5.5 kg (100%) | 82 %  | 4   |

## Hops

| Use for             | Name                  | Amount | Time   | Alpha acid |
|---------------------|-----------------------|--------|--------|------------|
| Boil                | Saaz (Czech Republic) | 80 g   | 70 min | 4.5 %      |
| Aroma (end of boil) | Saaz (Czech Republic) | 35 g   | 20 min | 4.5 %      |

## Yeasts

| Name                   | Type  | Form   | Amount  | Laboratory       |
|------------------------|-------|--------|---------|------------------|
| FM30 Bohemska rapsodia | Lager | Liquid | 1000 ml | Fermentum Mobile |

## Notes

- - dekokcja trójwarowa
- - Woda Saguaro źródłana Saguaro 24l + 10l wody destylowanej  
Nov 28, 2018, 9:25 PM