

# Paulaner v01

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **12**
- SRM **4.1**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **7 %**
- Size with trub loss **21.4 liter(s)**
- Boil time **70 min**
- Evaporation rate **15 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.6 liter(s)**
- Total mash volume **22.1 liter(s)**

## Steps

- Temp **45 C**, Time **15 min**
- Temp **55 C**, Time **10 min**
- Temp **65 C**, Time **50 min**
- Temp **69 C**, Time **10 min**

## Mash step by step

- Heat up **16.6 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **10 min** at **55C**
- Keep mash **50 min** at **65C**
- Keep mash **10 min** at **69C**
- Sparge using **16.4 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount          | Yield | EBC |
|-------|---------------------------|-----------------|-------|-----|
| Grain | Pszeniczny                | 3.88 kg (70.3%) | 85 %  | 4   |
| Grain | Pilsner (2 Row) Ger       | 0.96 kg (17.4%) | 81 %  | 4   |
| Grain | Weyermann - Pale Ale Malt | 0.68 kg (12.3%) | 85 %  | 7   |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | hallertauer taurus | 8 g    | 70 min | 14 %       |

## Yeasts

| Name                          | Type  | Form   | Amount | Laboratory |
|-------------------------------|-------|--------|--------|------------|
| WLP300 - Hefeweizen Ale Yeast | Wheat | Liquid | 100 ml | White Labs |