

Heffe Weizen #003

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **9**
- SRM **3.5**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **44 C**, Time **20 min**
- Temp **62 C**, Time **45 min**
- Temp **68 C**, Time **15 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **16.5 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **45 min** at **62C**
- Keep mash **15 min** at **68C**
- Keep mash **5 min** at **76C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---|----------------|-------|-----|
| Grain | Weyermann - Pale Wheat Malt | 3 kg (54.5%) | 75 % | 3 |
| Grain | Słód Pilsner® 2,5-4,5 EBC Weyermann | 2.5 kg (45.5%) | 70 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------|--------|--------|------------|
| Boil | Hallertau Blanc | 10 g | 30 min | 11 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------|-------|--------|--------|------------------|
| FM41 Gwoździe i Banany | Wheat | Liquid | 40 ml | Fermentum Mobile |