

#193 Weissbier W-WA

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **8**
- SRM **3.8**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **15 %**
- Size with trub loss **18.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

Steps

- Temp **45 C**, Time **15 min**
- Temp **55 C**, Time **15 min**
- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **17.5 liter(s)** of strike water to **48.6C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **15 min** at **55C**
- Keep mash **40 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **11.5 liter(s)** of **76C** water or to achieve **24 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Wheat	3 kg (60%)	65 %	4
Grain	Weyermann - Bohemian Pilsner Malt	2 kg (40%)	81 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	5 g	60 min	13.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
WB-06	Wheat	Dry	22 g	---

Notes

- Woda Wrocławska kranówka, pH wody 5,6 (zacieranie i wyładzanie)
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