

American hefeweizen carahell

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **19**
- SRM **5.7**
- 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 **10 %/h**
- Boil size **26.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

Steps

- Temp **45 C**, Time **10 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **18.6 liter(s)** of strike water to **48.6C**
- Add grains
- Keep mash **10 min** at **45C**
- Keep mash **40 min** at **62C**
- Keep mash **40 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **13.2 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilzneński	2.5 kg (47.2%)	80 %	4
Grain	Weyermann - Pszeniczny jasny	2.5 kg (47.2%)	80 %	6
Grain	Weyermann-Karmelowy jasny Carahell	0.3 kg (5.7%)	77 %	70

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	USA Mosaic	10 g	30 min	11.7 %
Boil	USA Mosaic	40 g	5 min	11.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew WB-06	Wheat	Dry	11 g	Safbrew