

## #20 Coffee Berliner Weiße

- Gravity **8 BLG**
- ABV **3.1 %**
- IBU **8**
- SRM **2.8**
- Style **Berliner Weisse**

### Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **32.9 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18 liter(s)**

### Steps

- Temp **62 C**, Time **45 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **14 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **45 min** at **62C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **22.9 liter(s)** of **76C** water or to achieve **32.9 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (50%)	80 %	5
Grain	Pszeniczny	2 kg (50%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	30 min	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	50 ml	Fermentis

### Extras

Type	Name	Amount	Use for	Time
Flavor	Kawa ekstrahowana na zimno	500 g	Bottling	---