

## CFP#2 Bronsted

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- Gravity **10 BLG**
- ABV **4 %**
- IBU **12**
- SRM **3.9**
- Style **Berliner Weisse**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

### Steps

- Temp **67 C**, Time **70 min**

### Mash step by step

- Heat up **12 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **70 min** at **67C**
- Sparge using **17.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (100%)	80 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	60 min	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	23 g	---
lacto	Ale	Dry	50 g	---

### Notes

- metodą kettle sour  
po filtracji zagotować na 15 minut  
ostudzić do 40 stopni  
zadać bakterie  
fermentować 48h  
zagotować normalnie  
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