

## #31/32 Berliner Weisse

- Gravity **9 BLG**
- ABV **3.5 %**
- IBU **5**
- SRM **3**
- Style **Berliner Weisse**

### Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **20.5 liter(s)**

### Steps

- Temp **66 C**, Time **60 min**

### Mash step by step

- Heat up **16.4 liter(s)** of strike water to **71.8C**
- Add grains
- Keep mash **60 min** at **66C**
- Sparge using **18.1 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	2.2 kg (53.7%)	82 %	4
Grain	Viking Wheat Malt	1.9 kg (46.3%)	83 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	5 g	60 min	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11 g	Fermentis

### Extras

Type	Name	Amount	Use for	Time
Water Agent	Lactic Acid	1 g	Bottling	---

### Notes

- There will be multiple versions made, with different amounts of lactic acid + maybe with some extras (hop aroma, some spices)  
*Oct 13, 2017, 10:48 PM*