

Berliner Weisse

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

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **8 %**
- Size with trub loss **21.6 liter(s)**
- Boil time **40 min**
- Evaporation rate **12 %/h**
- Boil size **23.8 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.8 liter(s)**

Steps

- Temp **64 C**, Time **90 min**

Mash step by step

- Heat up **9.6 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **90 min** at **64C**
- Sparge using **17.4 liter(s)** of **76C** water or to achieve **23.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|--------------|--------|-----|
| Grain | BESTMALZ - Best Pilsen | 1.6 kg (50%) | 80.5 % | 4 |
| Grain | BESTMALZ - Best Wheat Malt | 1.6 kg (50%) | 82 % | 4 |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------|------|------|--------|------------|
| fermentis us-05 | Ale | Dry | 11 g | fermentis |

Notes

- No Boil
No Hops
Sanprobi IBS Lacto Plantarum
3g MGSO4

40 min 75 stopni pasteryzacja przed zakwaszaniem lacto
po pasteryzacji wstępne zmniejszenie PH do 4,5 kwasem mlekowym
40 min 76 stopni po zakwaszeniu
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