

# Blueberry Berliner v1

- Gravity **5.3 BLG**
- ABV **2 %**
- IBU **8**
- SRM **2.1**
- 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 **3.5 liter(s) / kg**
- Mash size **7 liter(s)**
- Total mash volume **9 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **7 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **5 min** at **78C**
- Sparge using **20.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód pszeniczny	1 kg (50%)	82 %	5
Grain	Pilznieński	1 kg (50%)	80.5 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	5 g	60 min	11 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	60 ml	Fermentis
Starter z jogurtu	Ale	Culture	1000 g	Jogurt
zakwaszanie do 3.2-3.4				

## Extras

Type	Name	Amount	Use for	Time
Flavor	jagody	4000 g	Primary	7 day(s)

## Notes

- Zacier 5,2-5,3  
Gotowanie 4,4

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