

## test

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- Gravity **19.1 BLG**
- ABV ---
- IBU ---
- SRM **28**
- Style **Baltic Porter**

### 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 **25.5 liter(s)**
- Total mash volume **34 liter(s)**

### Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **15 min**
- Temp **100 C**, Time **60 min**

### Mash step by step

- Heat up **25.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **15 min** at **78C**
- Keep mash **60 min** at **100C**
- Sparge using **8.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Carapils Malt	8 kg (94.1%)	74 %	3
Grain	Black Barley (Roast Barley)	0.5 kg (5.9%)	55 %	985

### Yeasts

Name	Type	Form	Amount	Laboratory
WLP060 - American Ale Yeast Blend	Ale	Liquid	50 ml	White Labs