

## zwykła IPA

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU ---
- SRM **3.9**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **28 liter(s)**
- Trub loss **5 %**
- Size with trub loss **32.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38.5 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **26.3 liter(s)**
- Total mash volume **33.8 liter(s)**

### Steps

- Temp **65 C**, Time **60 min**
- Temp **75 C**, Time **5 min**

### Mash step by step

- Heat up **26.3 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **5 min** at **75C**
- Sparge using **19.7 liter(s)** of **76C** water or to achieve **38.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (66.7%)	80 %	5
Grain	Viking Pilsner malt	2 kg (26.7%)	82 %	4
Grain	Płatki owsiane	0.5 kg (6.7%)	85 %	3

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	10.5 g	Safale