

## Warka czwarta

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- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **35**
- SRM **5.9**
- Style **German Pilsner (Pils)**

### 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)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal	4 kg (100%)	80 %	15

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	20 g	60 min	8 %
Boil	Marynka	10 g	30 min	8 %
Boil	Lubelski	60 g	15 min	3.7 %
Boil	Lubelski	40 g	5 min	3.7 %
Dry Hop	Lubelski	30 g	4 day(s)	3.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	---