

# Towarzysz Szczur

- Gravity **25.5 BLG**
- ABV **12 %**
- IBU **50**
- SRM **82.1**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.1 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	ekstrakt słodowy ciemny Bruntal	2.7 kg (42.2%)	90 %	621
Liquid Extract	WES ekstrakt słodowy jasny	3.4 kg (53.1%)	80 %	40
Grain	Jęczmień palony	0.3 kg (4.7%)	55 %	985

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	20 g	60 min	15.5 %
Boil	Warrior	25 g	30 min	15.5 %
Boil	Warrior	5 g	10 min	15.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	34.5 g	Safale

## Extras

Type	Name	Amount	Use for	Time
Spice	Wanilia	40 g	Secondary	14 day(s)
Other	Płatki dębowe pure vanilla	50 g	Secondary	30 day(s)