

## Russian Imperial Stout z ekstraktów

- Gravity **25.3 BLG**
- ABV **11.8 %**
- IBU **49**
- SRM **68.2**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	ekstrakt słodowy ciemny Bruntal	1.7 kg (21.4%)	90 %	621
Liquid Extract	Bruntal Pale Ale	1.7 kg (21.4%)	80 %	35
Liquid Extract	Bruntal	1.7 kg (21.4%)	81 %	26
Liquid Extract	ekstrakt słodowy ciemny Bruntal	0.14 kg (1.8%)	90 %	621
Liquid Extract	Ekstrakt słodowy Monachijski - Weyermann Munich Amber	0.42 kg (5.3%)	78 %	22
Liquid Extract	Bruntal	1.7 kg (21.4%)	81 %	26
Grain	Strzegom Czekoladowy 1200	0.3 kg (3.8%)	68 %	1202
Grain	Jęczmień palony	0.3 kg (3.8%)	55 %	985

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	junga	35 g	60 min	11 %
Boil	Marynka	20 g	35 min	6.5 %
Boil	Willamette	40 g	30 min	4.2 %
Boil	Fuggles	30 g	30 min	3.65 %
Aroma (end of boil)	Fuggles	30 g	15 min	3.65 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Slant	100 ml	Safale