

# Russian Imperial Stout

- Gravity **27.9 BLG**
- ABV **13.4 %**
- IBU **47**
- SRM **50.1**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **3 %**
- Size with trub loss **25.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **28.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **1.65 liter(s) / kg**
- Mash size **19.6 liter(s)**
- Total mash volume **31.5 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking - Pale Ale	6.4 kg (48.3%)	80 %	7
Grain	Weyermann - Carapils	1.2 kg (9.1%)	78 %	4
Grain	Thomas Fawcett - owsiany	1.2 kg (9.1%)	80.5 %	5
Grain	Weyermann - Abbey	0.7 kg (5.3%)	75 %	45
Grain	Castle malting - Biscuit	0.5 kg (3.8%)	79 %	50
Grain	Weyermann - Caramunich Typ II	0.6 kg (4.5%)	73 %	120
Grain	Thomas Fawcett - Pale Chocolate	0.5 kg (3.8%)	71 %	625
Grain	Weyermann - Carafa II	0.8 kg (6%)	70 %	1150
Liquid Extract	Ekstrakt słodowy jasny	1 kg (7.5%)	76 %	15
Dry Extract	Maltodekstryna	0.35 kg (2.6%)	100 %	0

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	gorzyczkowy Marynka - szyszki własny zbiór	80 g	60 min	10 %
Boil	aromatyczny East Kent Goldings - szyszki własny zbiór	50 g	15 min	5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Slant	140 ml	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Water Agent	Kwas cytrynowy	5 g	Mash	---

## Notes

- Można zwiększyć Carafa II do 1,0 kg, Marynka do 100 g  
*Dec 16, 2022, 9:08 AM*