

Russian Imperial Stout

- Gravity **21.1 BLG**
- ABV ---
- IBU **93**
- SRM **43.1**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Castle Pale Ale	5 kg (62.5%)	80 %	8
Grain	Munich Malt	2 kg (25%)	80 %	18
Grain	Carafa II	0.5 kg (6.3%)	70 %	812
Grain	Strzegom Karmel 150	0.5 kg (6.3%)	75 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	65 g	60 min	13.5 %
Boil	Iunga	50 g	10 min	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	12 g	Safale