

RIS#1

- Gravity **28.9 BLG**
- ABV **14.1 %**
- IBU **173**
- SRM **85.8**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **7 liter(s)**
- Trub loss **5 %**
- Size with trub loss **7.3 liter(s)**
- Boil time **120 min**
- Evaporation rate **29 %/h**
- Boil size **12.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.1 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18.5 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.5 kg (55.6%)	80 %	5
Grain	Strzegom Monachijski typ II	1 kg (22.2%)	79 %	22
Grain	Czekoladowy	0.5 kg (11.1%)	60 %	788
Grain	Carafa III	0.5 kg (11.1%)	70 %	1034

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	90 g	30 min	15.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	50 ml	Fermentis