

- Gravity **24 BLG**
- ABV **11 %**
- IBU **57**
- SRM **59.3**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **10 %**
- Size with trub loss **14.3 liter(s)**
- Boil time **120 min**
- Evaporation rate **20 %/h**
- Boil size **21.8 liter(s)**

Mash information

- Mash efficiency **76 %**
- Liquor-to-grist ratio **2.7 liter(s) / kg**
- Mash size **18.3 liter(s)**
- Total mash volume **25 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (74%)	80 %	5
Grain	Płatki owsiane	0.8 kg (11.8%)	85 %	3
Grain	Jęczmień palony	0.36 kg (5.3%)	55 %	1400
Grain	Weyermann - Dehusked Carafa III	0.35 kg (5.2%)	70 %	1400
Grain	Fawcett - Crystal	0.25 kg (3.7%)	70 %	160

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	50 g	60 min	11 %