RIS

- Gravity **25.9 BLG**
- ABV **---**
- IBU **75**
- SRM **93.8**
- 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 **2 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **31.5 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	7 kg *(66.7%)*	79 %	6
Grain	Strzegom Pszeniczny	1 kg *(9.5%)*	81 %	6
Grain	Strzegom Czekoladowy jasny	1 kg *(9.5%)*	68 %	400
Grain	Jęczmień palony	1 kg *(9.5%)*	55 %	985
Grain	Strzegom Karmel 600	0.5 kg *(4.8%)*	68 %	601

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Challenger	60 g	60 min	7 %
Boil	Cascade	60 g	60 min	6 %
Boil	Challenger	30 g	45 min	7 %
Boil	East Kent Goldings	30 g	15 min	5.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	23 g	Safale