RIS Noworoczny

- Gravity **27.4 BLG**
- ABV **13.2 %**
- IBU **92**
- SRM **55.5**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **37.2 liter(s)**
- Total mash volume **55.9 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Paleale	16 kg *(85.9%)*	75 %	---
Grain	Carafa II	0.22 kg *(1.2%)*	70 %	812
Grain	Karmelowy żytni Strzegom	0.3 kg *(1.6%)*	75 %	150
Grain	Palone Ziarno J	0.3 kg *(1.6%)*	75 %	1200
Grain	Strzegom Czekoladowy ciemny	0.8 kg *(4.3%)*	68 %	1200
Grain	Karmelowy	1 kg *(5.4%)*	70 %	600

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	100 g	60 min	15 %
Boil	Northdown	50 g	30 min	8.2 %
Boil	Lubelski	100 g	30 min	4 %
Boil	Cascade	30 g	5 min	5 %
Boil	Chinnook pl	70 g	5 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Zebrane US-08 po 100IBU IPA	Ale	Slant	300 ml	---