

# #1 2022 Święteczny RIS

- Gravity **24.6 BLG**
- ABV **11.4 %**
- IBU **52**
- SRM **116.7**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal ekstrakt słodowy ciemny	3.4 kg (100%)	90 %	621

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	50 g	30 min	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11.5 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Flavor	Słód czekoladowy ciemny Viking Malt (Strzegom)	250 g	Boil	30 min
Flavor	Jęczmień prażony Viking Malt (Strzegom)	150 g	Boil	15 min
Flavor	Słód barwiący Viking Malt (Strzegom)	100 g	Boil	10 min
Spice	Cynamon	2 g	Secondary	31 day(s)
Spice	Anyż	2 g	Secondary	31 day(s)
Spice	Kakao	25 g	Secondary	31 day(s)