

# Smoked RIS

- Gravity **22.5 BLG**
- ABV **10.2 %**
- IBU **37**
- SRM **52.1**
- 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)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.6 liter(s) / kg**
- Mash size **12.2 liter(s)**
- Total mash volume **16.9 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.5 kg (53.2%)	80 %	5
Grain	Płatki owsiane	0.5 kg (10.6%)	85 %	3
Grain	Strzegom Monachijski typ I	0.5 kg (10.6%)	79 %	16
Grain	Wędzony bukiem Viking Malt	0.7 kg (14.9%)	82 %	10
Grain	Jęczmień palony	0.2 kg (4.3%)	55 %	985
Grain	Extra black	0.3 kg (6.4%)	65 %	1400

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	15 g	60 min	15.5 %
Boil	Golding	15 g	5 min	6.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Slant	1000 ml	Safale

## Notes

- Uwarzone ok 31.12.2020  
Zabutelkowane 07.02.2021  
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