

# RIS

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- Gravity **24.9 BLG**
- ABV **11.6 %**
- IBU **64**
- SRM **31.3**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **30 liter(s)**
- Total mash volume **40 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	pils/ale Byd	7 kg (64.8%)	80 %	5
Grain	Strzegom Karmel 600	1 kg (9.3%)	68 %	601
Sugar	KARMELIZOWANY	0.8 kg (7.4%)	100 %	0
Grain	Monachijski	2 kg (18.5%)	80 %	16

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	40 g	60 min	12 %
Boil	Magnat	40 g	60 min	14 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Slant	100 ml	Safale