

VanillaRIS bez C

- Gravity **22.7 BLG**
- ABV **10.3 %**
- IBU **64**
- SRM **35.7**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **18.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Steps

- Temp **68 C**, Time **90 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **1 min** at **78C**
- Sparge using **4.1 liter(s)** of **76C** water or to achieve **18.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.7 kg (38.6%)	80 %	5
Grain	Biscuit Malt	2 kg (28.6%)	79 %	45
Grain	Pszeniczny	1 kg (14.3%)	85 %	4
Grain	Płatki owsiane	1 kg (14.3%)	60 %	3
Grain	Viking Barwiący	0.3 kg (4.3%)	65 %	1400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	60 g	30 min	13.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Slant	300 ml	Fermentis

Extras

Type	Name	Amount	Use for	Time
Flavor	płatki dębowe palone	20 g	Secondary	14 day(s)
Flavor	laska wanili	5 g	Secondary	7 day(s)