

# VanillaRIS

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- Gravity **27 BLG**
- ABV **12.9 %**
- IBU **53**
- SRM **35.8**
- 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 (35.1%)	80 %	5
Grain	Biscuit Malt	2 kg (26%)	79 %	45
Grain	Pszeniczny	1 kg (13%)	85 %	4
Grain	Płatki owsiane	1 kg (13%)	60 %	3
Grain	Viking Barwiący	0.3 kg (3.9%)	65 %	1400
Sugar	cukier	0.7 kg (9.1%)	100 %	1

## 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)
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