

# Milijon RRIS (Rum & Raisin Imperial Stout) Whisky BA

- Gravity **26.8 BLG**
- ABV ---
- IBU **72**
- SRM **35.1**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **26.4 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **19.8 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **76C**
- Sparge using **2.6 liter(s)** of **76C** water or to achieve **15.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	pale ale tipple	5 kg (75.8%)	79.4 %	6
Grain	Brown Malt (British Chocolate)	0.5 kg (7.6%)	70 %	128
Grain	Carafa III	0.3 kg (4.5%)	70 %	1034
Grain	Caramel/Crystal Malt - 10L	0.3 kg (4.5%)	75 %	20
Grain	Oats, Flaked	0.5 kg (7.6%)	80 %	2

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	30 g	60 min	13.2 %
Boil	Simcoe	20 g	30 min	13.2 %
Boil	Challenger	25 g	10 min	7 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	500 ml	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Fining	Irish Moss	5 g	Boil	10 min
Flavor	rodzynki macerowane w rumie	200 g	Secondary	14 day(s)
Flavor	płatki dębowe whisky	100 g	Secondary	14 day(s)