

IPA MARYNKA SAAZ

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **57**
- SRM **4.1**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **15.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4.5 kg (90%)	80 %	5
Grain	Weyermann - Carapils	0.5 kg (10%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	50 g	55 min	9.5 %
Boil	Saaz (Czech Republic)	30 g	10 min	5.5 %
Boil	Saaz (Czech Republic)	30 g	0 min	5.5 %
Dry Hop	Saaz (Czech Republic)	30 g	5 day(s)	5.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Safale