

WHEAT IPKA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **30**
- SRM **4.7**
- Style **Witbier**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **26 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **66 C**, Time **60 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **26 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Wheat Malt	3 kg (50%)	83 %	5
Grain	Viking Pale Ale malt	3 kg (50%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sabro	20 g	15 min	15 %
Whirlpool	Sabro	15 g	22 min	15 %
Whirlpool	Ahtanum	40 g	22 min	5 %
Dry Hop	Sabro	65 g	6 day(s)	15 %
Dry Hop	Ahtanum	60 g	6 day(s)	5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Spice	kolędra	10 g	Boil	5 min
Spice	curacao	10 g	Boil	5 min