

# AIPA Gigant

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- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **38**
- SRM **8.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **24.5 liter(s)**
- Total mash volume **31.5 liter(s)**

## Steps

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

## Mash step by step

- Heat up **24.5 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **11.5 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	6 kg (85.7%)	80 %	5
Grain	Karmelowy Czerwony	1 kg (14.3%)	75 %	59

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	20 g	50 min	15.5 %
Boil	Simcoe	10 g	15 min	13.2 %
Boil	Mosaic	10 g	15 min	10 %
Aroma (end of boil)	Mosaic	10 g	5 min	10 %

## Yeasts

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