

## #046 AIPA

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- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **55**
- SRM **4.7**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **32.7 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **26.9 liter(s)**
- Total mash volume **34.6 liter(s)**

### Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **26.9 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **78C**
- Sparge using **13.5 liter(s)** of **76C** water or to achieve **32.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	7.7 kg (100%)	80 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	30 g	60 min	12.4 %
Boil	Citra	15 g	10 min	12.4 %
Boil	Simcoe	15 g	10 min	12.7 %
Aroma (end of boil)	Citra	35 g	5 min	12.4 %
Aroma (end of boil)	Simcoe	55 g	5 min	12.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Slant	400 ml	Danstar

### Extras

Type	Name	Amount	Use for	Time
Finning	whirfloc t	1.25 g	Boil	10 min

Other	pożywka dla drożdży Wyeast	3 g	Boil	10 min
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