

Citra Single Hop IPA

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **61**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **12.6 liter(s)**
- Total mash volume **16.2 liter(s)**

Steps

- Temp **68 C**, Time **50 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **12.6 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **6.2 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (83.3%)	80 %	5
Grain	Viking Wheat Malt	0.6 kg (16.7%)	83 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra (USA)	20 g	60 min	13.5 %
Aroma (end of boil)	Citra (USA)	20 g	10 min	13.5 %
Dry Hop	Citra (USA)	50 g	5 day(s)	13.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	4.6 g	---