

Citra SH APA

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **35**
- SRM **4.4**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

Mash information

- Mash efficiency **96 %**
- Liquor-to-grist ratio **3.6 liter(s) / kg**
- Mash size **8.1 liter(s)**
- Total mash volume **10.3 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **8.1 liter(s)** of strike water to **74.7C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **8.2 liter(s)** of **76C** water or to achieve **14 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (88.9%)	80 %	5
Grain	Weyermann - Carared	0.125 kg (5.6%)	75 %	45
Grain	Viking Wheat Malt	0.125 kg (5.6%)	83 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	10 g	60 min	12 %
Boil	Citra	10 g	15 min	12 %
Aroma (end of boil)	Citra	5 g	0 min	12 %
Dry Hop	Citra	25 g	3 day(s)	12 %

Yeasts

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