

Citra Apa

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **18**
- SRM **4.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **28 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **35.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.2 liter(s)**
- Total mash volume **25.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Maris Otter Crisp	6 kg (93.8%)	83 %	6
Grain	Caramel/Crystal Malt - 10L	0.4 kg (6.3%)	75 %	20

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	25 g	60 min	6 %
Boil	Cascade	25 g	15 min	6 %
Aroma (end of boil)	Citra	50 g	0 min	12 %
Dry Hop	Citra	50 g	4 day(s)	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis