

The Butcher

- Gravity **12.6 BLG**
- ABV ---
- IBU **88**
- SRM **15.5**
- Style **Red IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.8 liter(s)**
- Total mash volume **18.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4.5 kg (97.8%)	80 %	5
Grain	Carafa III	0.1 kg (2.2%)	70 %	1034

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	15 g	30 min	12 %
Boil	Columbus/Tomahawk/Zeus	18 g	60 min	15.5 %
Boil	Simcoe	15 g	30 min	13.2 %
Boil	Amarillo	15 g	15 min	9.5 %
Boil	Citra	15 g	15 min	12 %
Dry Hop	Citra	50 g	7 day(s)	12 %
Dry Hop	Simcoe	50 g	7 day(s)	13.2 %
Dry Hop	Amarillo	50 g	7 day(s)	9.5 %

Yeasts

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