

Fakap

- Gravity **15.6 BLG**
- ABV ---
- IBU **66**
- SRM **8.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **10 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **22.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

Steps

- Temp **68 C**, Time **45 min**
- Temp **75 C**, Time **10 min**

Mash step by step

- Heat up **14.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **45 min** at **68C**
- Keep mash **10 min** at **75C**
- Sparge using **13.2 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	4.5 kg (93.8%)	85 %	7
Grain	Caraamber	0.3 kg (6.3%)	75 %	59

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Equinox	20 g	60 min	13.1 %
Boil	Equinox	15 g	40 min	13.1 %
Boil	Equinox	15 g	20 min	13.1 %
Aroma (end of boil)	Equinox	10 g	5 min	13.1 %
Dry Hop	Equinox	30 g	7 day(s)	13.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	Safale