

Akademik IPA 2.0

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **116**
- SRM **10.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **70 C**, Time **60 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **78.3C**
- Add grains
- Keep mash **60 min** at **70C**
- Sparge using **11.1 liter(s)** of **76C** water or to achieve **21.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (100%)	70 %	20

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	30 g	60 min	11 %
Boil	Simcoe	30 g	40 min	10 %
Boil	Chinook	30 g	30 min	10 %
Boil	Amarillo	30 g	10 min	7 %
Dry Hop	Equinox	60 g	2 day(s)	13.1 %

Yeasts

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