

five o'clock VI

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **50**
- SRM **5.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **18.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.4 liter(s)**
- Total mash volume **23.6 liter(s)**

Steps

- Temp **65 C**, Time **60 min**

Mash step by step

- Heat up **18.4 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **23.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (95.2%)	80 %	5
Grain	Biscuit Malt	0.25 kg (4.8%)	79 %	45

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	30 g	60 min	15.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
WLP002 - English Ale Yeast	Ale	Slant	100 ml	White Labs

Extras

Type	Name	Amount	Use for	Time
Spice	earl grey	100 g	Secondary	1 day(s)