

earl gray APA

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **34**
- SRM **4.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **8 %**
- Size with trub loss **22.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **28.2 liter(s)**

Mash information

- Mash efficiency **74 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (83.3%)	80 %	5
Grain	Pszeniczny	1 kg (16.7%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	20 g	40 min	12.4 %
Aroma (end of boil)	Citra	25 g	5 min	14 %
Aroma (end of boil)	Simcoe	25 g	5 min	13.2 %
Aroma (end of boil)	Citra	25 g	0 min	12 %
Aroma (end of boil)	Simcoe	25 g	0 min	13.2 %

Yeasts

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

Extras

Type	Name	Amount	Use for	Time
Flavor	earl gray	100 g	Secondary	1 day(s)
Fining	whirlflock	5 g	Boil	5 min