

Apka

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **25**
- SRM **3.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.3 liter(s)**
- Total mash volume **23 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.4 kg (59.1%)	80 %	5
Grain	Płatki owsiane	0.35 kg (6.1%)	85 %	3
Grain	Płatki pszeniczne	0 kg	85 %	3
Grain	Colorado	2 kg (34.8%)	80 %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	30 g	60 min	5.1 %
Boil	Citra	20 g	10 min	12 %
Boil	Citra	30 g	1 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	100 ml	Fermentis