

Classic IPA HB

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **43**
- SRM **4.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.7 liter(s)**
- Total mash volume **23.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (84.7%)	80 %	5
Grain	Pszeniczny	0.5 kg (8.5%)	85 %	4
Grain	Płatki owsiane	0.4 kg (6.8%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	30 g	15 min	15.5 %
Boil	Amarillo	25 g	5 min	9.5 %
Boil	Cascade	25 g	5 min	6 %
Whirlpool	Amarillo	25 g	20 min	9.5 %
Whirlpool	Cascade	25 g	20 min	6 %

Yeasts

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