

IPA

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **49**
- SRM **3.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.6 liter(s)**
- Total mash volume **22.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	4.5 kg (81.1%)	82 %	4
Grain	Viking Wheat Malt	0.55 kg (9.9%)	83 %	5
Grain	Platki owsiane	0.5 kg (9%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	25 g	60 min	11.2 %
Boil	Zombie	15 g	20 min	10.3 %
Boil	Zombie	20 g	10 min	10.3 %
Boil	Zombie	30 g	1 min	10.3 %
Dry Hop	Zombie	35 g	4 day(s)	10.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Slant	210 ml	Fermentum Mobile