

Simple IPA

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **52**
- SRM **7.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (66.7%)	80 %	5
Grain	Płatki owsiane	0.2 kg (6.7%)	60 %	3
Grain	Żytni	0.2 kg (6.7%)	85 %	8
Grain	Strzegom Karmel 300	0.1 kg (3.3%)	70 %	299
Grain	Pszeniczny	0.5 kg (16.7%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	8 g	60 min	15.5 %
Boil	Centennial	12 g	30 min	10.5 %
Boil	Oktawia	11 g	30 min	7.1 %