

AIPaOak

- Gravity **17.8 BLG**
- ABV ---
- IBU **74**
- SRM **6.9**
- 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 **70 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	6 kg (85.7%)	79 %	6
Grain	Strzegom Pilzneński	1 kg (14.3%)	80 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	45 g	60 min	15.5 %
Boil	Cascade	20 g	10 min	6 %
Boil	Columbus/Tomahawk/Zeus	15 g	5 min	15.5 %
Whirlpool	Cascade	20 g	0 min	6 %
Dry Hop	Columbus/Tomahawk/Zeus	20 g	5 day(s)	15.5 %
Dry Hop	Cascade	20 g	5 day(s)	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Fining	Mech irlandzk	5 g	Boil	15 min
Flavor	Płatki dębowe francuskie Heavy Toast	10 g	Secondary	7 day(s)