

Panaceum Cienkusz APA/Sour

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **40**
- SRM **3.4**
- 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 **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 **12 liter(s)**
- Total mash volume **16 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (50%)	80 %	5
Grain	Pszoniczny	2 kg (50%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Enigma (AUS)	10 g	60 min	17.2 %
Boil	Enigma (AUS)	15 g	20 min	17.2 %
Whirlpool	Enigma (AUS)	25 g	1 min	17.2 %
Dry Hop	WAI-ITI	50 g	3 day(s)	4.1 %

Yeasts

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