

Aromatyczny czochracz sesyjny ala APA

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **43**
- SRM **9.5**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **26.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	3.1 kg (83.8%)	90 %	35
Sugar	Glukoza	0.6 kg (16.2%)	100 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	20 g	60 min	13 %
Aroma (end of boil)	Cascade PL	20 g	30 min	5.2 %
Aroma (end of boil)	Amarillo	20 g	15 min	9.5 %
Aroma (end of boil)	Chinook	20 g	0 min	13 %
Dry Hop	Cascade PL	20 g	5 day(s)	5.2 %
Dry Hop	Amarillo	20 g	5 day(s)	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	---

Extras

Type	Name	Amount	Use for	Time
Herb	Kolendra	5 g	Boil	15 min
Herb	Kolendra	15 g	Secondary	5 day(s)