

American APA

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **41**
- SRM **9.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	1.7 kg (50%)	80 %	35
Liquid Extract	Bruntal	1.7 kg (50%)	81 %	26

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus granulat	10 g	50 min	14.5 %
Boil	Equanot granulat	30 g	20 min	12.8 %
Aroma (end of boil)	Citra	30 g	0 min	12 %

Yeasts

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