

rAPApapa

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **68**
- SRM **9.8**
- 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 **8 %/h**
- Boil size **23.8 liter(s)**

Fermentables

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

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	20 g	60 min	12 %
Boil	Citra	10 g	45 min	12 %
Boil	Simcoe	20 g	30 min	13.2 %
Aroma (end of boil)	Simcoe	10 g	5 min	13.2 %
Aroma (end of boil)	Amarillo	20 g	0 min	9.5 %

Yeasts

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