

## Apa

---

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **31**
- SRM **11.2**
- 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 **24.2 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal ekstrakt słodowy Pale Ale	1.7 kg (43.6%)	80 %	35
Liquid Extract	Bruntal ekstrakt słodowy jasny	1.7 kg (43.6%)	81 %	26
Liquid Extract	WES ekstrakt słodowy jasny	0.5 kg (12.8%)	80 %	45

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	30 g	60 min	7.8 %
Boil	Citra	50 g	1 min	12 %
Boil	Amarillo	50 g	1 min	9.9 %

### Yeasts

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