

apa

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **33**
- SRM **4.6**
- 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)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	2.4 kg (64.9%)	80 %	---
Liquid Extract	Bruntal ekstrakt słodowy pszeniczny	1.2 kg (32.4%)	80 %	30
Adjunct	laktoza	0.1 kg (2.7%)	100 %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Waimea	5 g	60 min	14.8 %
Boil	Waimea	5 g	30 min	14.8 %
Boil	Waimea	5 g	10 min	14.8 %
Boil	Galaxy	5 g	10 min	14.5 %
Boil	waimea	20 g	5 min	14.5 %
Boil	Galaxy	20 g	5 min	14.5 %
Dry Hop	Galaxy	75 g	5 day(s)	15 %
Dry Hop	Waimea	115 g	---	17 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	1 g	Fermentis