

APA z ekstraktów #1

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **55**
- SRM **10.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	1.7 kg (89.5%)	80 %	35
Dry Extract	Muntons DME - Wheat	0.2 kg (10.5%)	95 %	8

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citraumbus/Tomahawk/Zeus	15 g	60 min	15.5 %
Boil	Cascade	10 g	10 min	6 %
Aroma (end of boil)	Cascade	5 g	0 min	6 %
Aroma (end of boil)	Citralumbus/Tomahawk/Zeus	5 g	0 min	15.5 %
Dry Hop	Citralumbus/Tomahawk/Zeus	10 g	10 day(s)	15.5 %
Dry Hop	Cascadeade	15 g	10 day(s)	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	5.48 g	Fermentis