

APA

- Gravity **12.6 BLG**
- ABV ---
- IBU **42**
- SRM **7.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	5 kg (90.9%)	80 %	7
Grain	Carahell	0.5 kg (9.1%)	77 %	26

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	60 min	13 %
Boil	Simcoe	10 g	30 min	13.2 %
Boil	Mosaic	25 g	10 min	10 %
Boil	Chinook	40 g	5 min	13 %
Aroma (end of boil)	Simcoe	40 g	0 min	13.2 %
Aroma (end of boil)	Mosaic	25 g	0 min	10 %
Aroma (end of boil)	Citra	50 g	0 min	12 %