

APA#3

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **26**
- SRM **11.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	5 kg (100%)	80 %	35

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	10 g	60 min	14.7 %
Boil	Centennial	10 g	30 min	10.5 %
Boil	Simcoe	10 g	10 min	13.2 %
Boil	Citra	10 g	5 min	12 %
Whirlpool	Centennial	10 g	5 min	10.5 %