

APA

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **35**
- SRM **3.7**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **6 %**
- Size with trub loss **26.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **83 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.2 liter(s)**
- Total mash volume **25.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (78.1%)	81 %	4
Grain	Pszeniczny	1.4 kg (21.9%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	30 g	60 min	8 %
Boil	Cascade	20 g	10 min	8 %
Boil	Wai-iti	15 g	10 min	4.1 %
Whirlpool	Wai-iti	50 g	120 min	4.1 %