

Pa

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **14**
- SRM **3.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **28.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	0.65 kg (14%)	85 %	4
Grain	Strzegom Pilzneński	4 kg (86%)	80 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	25 g	60 min	5.2 %