

WC

- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **67**
- SRM **4.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	7.5 kg (90.4%)	81 %	4
Grain	Pszeniczny	0.5 kg (6%)	85 %	4
Sugar	cukier	0.3 kg (3.6%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	55 g	45 min	11 %
Boil	mix polski	70 g	15 min	7 %
Boil	Mix polski	70 g	1 min	7 %