

## Single hop cascade

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **23**
- SRM **11.4**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	1.7 kg (100%)	90 %	45

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	10 g	25 min	5.2 %
Boil	Cascade PL	20 g	15 min	5.2 %
Boil	Cascade PL	20 g	5 min	5.2 %
Whirlpool	Cascade PL	20 g	1 min	5.2 %
Dry Hop	Cascade PL	30 g	3 day(s)	5.2 %