

## Tropical Lager 12

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **61**
- SRM **5.6**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **0 %**
- Size with trub loss **20 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.2 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14.5 liter(s)**
- Total mash volume **18.7 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3.4 kg (81.9%)	81 %	4
Grain	Strzegom Wiedeński	0.6 kg (14.5%)	79 %	10
Grain	Strzegom Karmel 150	0.15 kg (3.6%)	75 %	150

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	25 g	60 min	10 %
Boil	Enigma (AUS)	40 g	10 min	17.2 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	23 g	Fermentis