

Tropical Lager 12/30I

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **63**
- SRM **5.6**

Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **0 %**
- Size with trub loss **30 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **36.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21.8 liter(s)**
- Total mash volume **28 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (80.4%)	81 %	4
Grain	Strzegom Wiedeński	1 kg (16.1%)	79 %	10
Grain	Strzegom Karmel 150	0.22 kg (3.5%)	75 %	150

Hops

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

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	34.5 g	Fermentis