

# Pils Single Waimea

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **45**
- SRM **4.5**
- Style **California Common Beer**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **26.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	5 kg (75.8%)	80 %	4
Grain	Acid Malt	0.1 kg (1.5%)	58.7 %	6
Grain	Karmelowy Jasny 30EBC	0.15 kg (2.3%)	75 %	30
Grain	Strzegom Monachijski typ I	0.5 kg (7.6%)	79 %	16
Grain	Strzegom Wiedeński	0.5 kg (7.6%)	79 %	10
Grain	Weyermann - Carapils	0.35 kg (5.3%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Waimea	20 g	60 min	17 %
Boil	Waimea	25 g	15 min	17 %
Boil	Waimea	25 g	0 min	17 %
Dry Hop	Waimea	30 g	10 day(s)	17 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM30 Bohemska rapsodia	Lager	Liquid	125 ml	Fermentum Mobile