

Pacific Pale Ale

- Gravity **12.4 BLG**
- ABV ---
- IBU **34**
- SRM **11.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.3 liter(s)**
- Total mash volume **16.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	3.8 kg (92.7%)	80 %	7
Grain	Strzegom Karmel 150	0.3 kg (7.3%)	75 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Waimea	10 g	60 min	17 %
Aroma (end of boil)	Motueka	30 g	10 min	7 %
Aroma (end of boil)	Motueka	20 g	1 min	7 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis