

## Pacific Pale Ale#14

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **32**
- SRM **10.8**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **1 %**
- Size with trub loss **20.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **20.6 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	3.2 kg (100%)	80 %	35

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Pacific Jade	5 g	30 min	13 %
Aroma (end of boil)	Waimea	10 g	20 min	15 %
Aroma (end of boil)	Waimea	10 g	10 min	15 %
Aroma (end of boil)	Waimea	10 g	5 min	15 %
Aroma (end of boil)	Waimea	20 g	1 min	15 %
Whirlpool	Pacific Jade	50 g	1 min	12.6 %
i schłodzić do 85C , potrzymać 10 min				

### Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	11 g	---

### Notes

- Burzliwa - 17/18C  
OG 12,5  
FG 2  
ABV 5,7%  
Refermentacja - 2.3 vol CO2  
Rozlew 31 XII 2017  
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