Wet hop

- Gravity 14.7 BLG
- ABV **6.1** %
- IBU **50**
- SRM 4
- Style American Pale Ale

Batch size

- Expected quantity of finished beer 12 liter(s)
- Trub loss 8 %
- Size with trub loss 13.9 liter(s)
- Boil time 60 min
- Evaporation rate 15 %/h
- Boil size 20.1 liter(s)

Mash information

- Mash efficiency 75 %
- Liquor-to-grist ratio 2.5 liter(s) / kg Mash size 11.3 liter(s)
- Total mash volume 15.8 liter(s)

Steps

- Temp 62 C, Time 60 min
 Temp 78 C, Time 1 min

Mash step by step

- Heat up 11.3 liter(s) of strike water to 70.4C
- Add grains
- Keep mash 60 min at 62C
- Keep mash 1 min at 78C
- Sparge using 13.3 liter(s) of 76C water or to achieve 20.1 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Pilzneński	4.05 kg <i>(90%)</i>	81 %	4
Grain	Rice, Flaked	0.45 kg <i>(10%)</i>	70 %	2

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Wet hop	100 g	60 min	1 %
Boil	Wet Hop	100 g	30 min	1 %
Boil	Wet Hop	200 g	20 min	1 %
Boil	Wet Hop	200 g	10 min	1 %
Boil	Cascade wet hop	30 g	5 min	1.5 %
Dry Hop	Wet Hop	300 g	4 day(s)	1 %

Yeasts

Name	Туре	Form	Amount	Laboratory
WLP090 - San Diego Super Yeast	Ale	Slant	150 ml	White Labs