

# Alpakoterapia

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- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **34**
- SRM **4.4**

## Batch size

- Expected quantity of finished beer **21.3 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29.3 liter(s)**

## Mash information

- Mash efficiency **58 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **31.5 liter(s)**
- Total mash volume **40.5 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **31.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **6.8 liter(s)** of **76C** water or to achieve **29.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Heidelberg	6 kg (66.7%)	80.5 %	2
Grain	Strzegom Pale Ale	2 kg (22.2%)	79 %	6
Grain	Pszeniczny	0.5 kg (5.6%)	85 %	4
Grain	Weyermann - Carapils	0.5 kg (5.6%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Pacific Gem	15 g	45 min	15.3 %
Boil	Pacific Gem	20 g	20 min	15.3 %
Aroma (end of boil)	Galaxy	50 g	0 min	15 %
Dry Hop	Galaxy	50 g	3 day(s)	15 %
Dry Hop	Vic Secret	100 g	3 day(s)	16.3 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.4 g	Fermentis