

Kalifornia

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **40**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale Viking malt	4 kg (72.7%)	80 %	5
Grain	Caramel PALE Viking Malt	1 kg (18.2%)	77 %	8
Grain	Płatki owsiane	0.5 kg (9.1%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Styrian Golding SLO	30 g	60 min	4.2 %
Aroma (end of boil)	Falconers Flight USA	50 g	15 min	10.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM54 GORĄCZKA KALIFORNIJSKA	Ale	Liquid	100 ml	---