

# Putin Cipa

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- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **45**
- SRM **4.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (86.2%)	80 %	5
Grain	Płatki owsiane	0.8 kg (13.8%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	34 g	60 min	8.8 %
Aroma (end of boil)	Hallertau Blanc	25 g	15 min	5.9 %
Aroma (end of boil)	Callista	25 g	15 min	3.9 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis