

Putin Cipa

- 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 |