

Picasso

- Gravity **18 BLG**
- ABV **7.7 %**
- IBU **71**
- SRM **6.3**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.3 liter(s)**
- Total mash volume **16.4 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **0 min**

Mash step by step

- Heat up **12.3 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **15 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **4.5 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|----------------|--------|-----|
| Grain | GlobalMalt Pale Ale/Pils | 3.3 kg (80.5%) | 82 % | 5 |
| Grain | Platki owsiane | 0.4 kg (9.8%) | 85 % | 3 |
| Grain | GlobalMalt Monachijski I | 0.4 kg (9.8%) | 80.2 % | 16 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|---------|--------|--------|------------|
| Boil | Marynka | 35 g | 60 min | 8.8 % |
| Whirlpool | Cascade | 45 g | 5 min | 7.1 % |
| Whirlpool | Mosaic | 50 g | 5 min | 12.1 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 200 ml | --- |