

Nie wiem co robię EO! (chyba galaxy PIPA?)

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **56**
- SRM **8.3**
- 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 **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | Pilzneński | 2 kg (30.8%) | 81 % | 4 |
| Grain | Castle Pale Ale | 4 kg (61.5%) | 80 % | 8 |
| Grain | Caramunich® typ I | 0.5 kg (7.7%) | 73 % | 80 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil | Galaxy | 30 g | 60 min | 15 % |
| Aroma (end of boil) | Cascade PL | 30 g | 2 min | 5.2 % |
| Aroma (end of boil) | Galaxy | 20 g | 2 min | 15 % |
| Dry Hop | Galaxy | 50 g | 5 day(s) | 15 % |
| Boil | Marynka | 20 g | 15 min | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 20 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|---------|--------|
| Fining | mech irlandzki | 5 g | Boil | 15 min |