

IPA

- Gravity **16.4 BLG**
- ABV ---
- IBU **46**
- SRM **4.8**

Batch size

- Expected quantity of finished beer **22.5 liter(s)**
- Trub loss **0 %**
- Size with trub loss **22.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **28.5 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24.9 liter(s)**
- Total mash volume **33.2 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Pilzneński | 7.47 kg (90%) | 77 % | 4 |
| Grain | Płatki pszeniczne | 0.415 kg (5%) | 77 % | 3 |
| Grain | Weyermann - Carapils | 0.415 kg (5%) | 77 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil | Simcoe | 21 g | 60 min | 13.3 % |
| Boil | Columbus/Tomahawk/Zeus | 15 g | 30 min | 15.5 % |
| Boil | Chinook | 15 g | 10 min | 10.5 % |
| Boil | Chinook | 30 g | 2 min | 10.5 % |