

Full

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **44**
- SRM **3.4**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **33.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.2 liter(s)**
- Total mash volume **21.6 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | Pilznieński | 5 kg (92.6%) | 81 % | 4 |
| Grain | Płatki pszeniczne | 0.4 kg (7.4%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 20 g | 60 min | 8.7 % |
| Boil | Marynka | 30 g | 30 min | 8.7 % |
| Boil | Marynka | 50 g | 5 min | 8.7 % |