

- Gravity **18 BLG**
- ABV **7.7 %**
- IBU **28**
- SRM **4.8**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **9 liter(s)**
- Trub loss **10 %**
- Size with trub loss **10.8 liter(s)**
- Boil time **75 min**
- Evaporation rate **30 %/h**
- Boil size **17.3 liter(s)**

Mash information

- Mash efficiency **71 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.4 liter(s)**
- Total mash volume **16.5 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------|-----------------|-------|-----|
| Grain | Pilzneński | 2.9 kg (70.4%) | 81 % | 4 |
| Grain | Płatki owsiane | 0.61 kg (14.8%) | 85 % | 3 |
| Grain | Płatki orkiszowe | 0.61 kg (14.8%) | 80 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | Equanot | 5 g | 60 min | 13.1 % |
| Boil | Equanot | 20 g | 5 min | 13.1 % |
| Boil | Centennial | 25 g | 5 min | 10.5 % |

Notes

- whirlpool 78c 30min 25g centennial, 30g motueka, 30 rakau
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