

WC

- Gravity **18.2 BLG**
- ABV **7.8 %**
- IBU **67**
- SRM **4.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------|----------------|-------|-----|
| Grain | Pilznieński | 7.5 kg (90.4%) | 81 % | 4 |
| Grain | Pszeniczny | 0.5 kg (6%) | 85 % | 4 |
| Sugar | cukier | 0.3 kg (3.6%) | --- % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | lunga | 55 g | 45 min | 11 % |
| Boil | mix polski | 70 g | 15 min | 7 % |
| Boil | Mix polski | 70 g | 1 min | 7 % |