

RPA PA

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **33**
- SRM **6.1**
- Style **American Pale Ale**

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 **3.3 liter(s) / kg**
- Mash size **15.2 liter(s)**
- Total mash volume **19.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------|-----------------|-------|-----|
| Grain | Pilznieński | 0.95 kg (20.7%) | 81 % | 4 |
| Grain | Pale ale | 2.5 kg (54.3%) | 80 % | 5 |
| Grain | Crystal II 200 | 0.15 kg (3.3%) | 71 % | 200 |
| Grain | Pszeniczny | 1 kg (21.7%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------|--------|--------|------------|
| Boil | Southern Star | 10 g | 60 min | 15.8 % |
| Boil | Southern Passion | 10 g | 10 min | 11.7 % |
| Boil | Southern Passion | 25 g | 1 min | 11.7 % |
| Boil | Southern Star | 10 g | 10 min | 15.8 % |
| Boil | Southern Star | 25 g | 1 min | 15.8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11 g | Fermentis |