

Lite APA

- Gravity **8 BLG**
- ABV **3.1 %**
- IBU **27**
- SRM **3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **10 %**
- Size with trub loss **18.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **8.1 liter(s)**
- Total mash volume **10.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 1 kg (37%) | 80 % | 5 |
| Grain | Żytni | 0.5 kg (18.5%) | 85 % | 8 |
| Grain | Pszeniczny | 1 kg (37%) | 85 % | 4 |
| Grain | Płatki owsiane | 0.2 kg (7.4%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 30 g | 60 min | 4.3 % |
| Boil | Cascade | 15 g | 10 min | 6 % |
| Boil | Marynka | 10 g | 10 min | 7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 15 ml | Fermentis |