

## szybka APA

- Gravity **15.2 BLG**
- ABV ---
- IBU **50**
- SRM **14.3**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **8 %**
- Size with trub loss **19.6 liter(s)**
- Boil time **30 min**
- Evaporation rate **12 %/h**
- Boil size **21.7 liter(s)**

### Fermentables

| Type           | Name                              | Amount         | Yield | EBC |
|----------------|-----------------------------------|----------------|-------|-----|
| Liquid Extract | Bruntal ekstrakt słodowy Pale Ale | 3.4 kg (87.2%) | 80 %  | 4   |
| Liquid Extract | WES ekstrakt słodowy bursztynowy  | 0.5 kg (12.8%) | 80 %  | 300 |

### Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Marynka | 33 g   | 30 min | 9 %        |
| Boil    | Cascade | 25 g   | 7 min  | 6 %        |
| Boil    | lunga   | 33 g   | 15 min | 10 %       |

### Yeasts

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