

## APA z ekstraktów

---

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **57**
- SRM **10.1**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

### Fermentables

| Type           | Name                | Amount         | Yield | EBC |
|----------------|---------------------|----------------|-------|-----|
| Liquid Extract | Bruntal Pale Ale    | 3.4 kg (93.2%) | 80 %  | 35  |
| Dry Extract    | Muntons DME - Wheat | 0.25 kg (6.8%) | 95 %  | 8   |

### Hops

| Use for             | Name    | Amount | Time      | Alpha acid |
|---------------------|---------|--------|-----------|------------|
| Boil                | Citra   | 25 g   | 60 min    | 13.5 %     |
| Boil                | Citra   | 15 g   | 25 min    | 13.5 %     |
| Boil                | Cascade | 20 g   | 10 min    | 7.1 %      |
| Aroma (end of boil) | Cascade | 20 g   | 0 min     | 7.1 %      |
| Aroma (end of boil) | Mosaic  | 8 g    | 0 min     | 10 %       |
| Dry Hop             | Citra   | 20 g   | 10 day(s) | 13.5 %     |
| Dry Hop             | Cascade | 25 g   | 10 day(s) | 7.1 %      |

### Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |