

## [E] American IPA

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **62**
- SRM **12.7**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

### Fermentables

| Type           | Name                       | Amount         | Yield | EBC |
|----------------|----------------------------|----------------|-------|-----|
| Liquid Extract | WES ekstrakt słodowy jasny | 1.7 kg (91.9%) | 80 %  | 45  |
| Grain          | Carahell                   | 0.15 kg (8.1%) | 77 %  | 26  |

### Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Amarillo | 20 g   | 60 min   | 8.9 %      |
| Aroma (end of boil) | Amarillo | 10 g   | 4 min    | 8.9 %      |
| Aroma (end of boil) | Citra    | 20 g   | 4 min    | 12.8 %     |
| Aroma (end of boil) | Ekuanot  | 20 g   | 4 min    | 13.3 %     |
| Dry Hop             | Amarillo | 20 g   | 3 day(s) | 8.9 %      |
| Dry Hop             | Citra    | 30 g   | 3 day(s) | 12.8 %     |
| Dry Hop             | Ekuanot  | 30 g   | 3 day(s) | 13.3 %     |

### Yeasts

| Name                 | Type | Form   | Amount | Laboratory       |
|----------------------|------|--------|--------|------------------|
| FM52 Amerykański Sen | Ale  | Liquid | 700 ml | Fermentum Mobile |