

## American APA

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **41**
- SRM **9.1**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.6 liter(s)**

### Fermentables

| Type           | Name             | Amount       | Yield | EBC |
|----------------|------------------|--------------|-------|-----|
| Liquid Extract | Bruntal Pale Ale | 1.7 kg (50%) | 80 %  | 35  |
| Liquid Extract | Bruntal          | 1.7 kg (50%) | 81 %  | 26  |

### Hops

| Use for             | Name              | Amount | Time   | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil                | Columbus granulat | 10 g   | 50 min | 14.5 %     |
| Boil                | Equanot granulat  | 30 g   | 20 min | 12.8 %     |
| Aroma (end of boil) | Citra             | 30 g   | 0 min  | 12 %       |

### Yeasts

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