

## African IPA

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU ---
- SRM **3.5**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18.6 liter(s)**

### Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 4 kg (86%)     | 80 %  | 5   |
| Grain | Carapils             | 0.25 kg (5.4%) | 80 %  | --- |
| Grain | CaraMunich II        | 0.4 kg (8.6%)  | 75 %  | --- |

### Hops

| Use for             | Name             | Amount | Time     | Alpha acid |
|---------------------|------------------|--------|----------|------------|
| Mash                | Southern Passion | 18 g   | 60 min   | 10.4 %     |
| Mash                | Southern Passion | 24 g   | 30 min   | 10.4 %     |
| Aroma (end of boil) | Southern Passion | 36 g   | 0 min    | 10.4 %     |
| Dry Hop             | Southern Passion | 90 g   | 5 day(s) | 10.4 %     |

### Yeasts

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