

## Equalizer Session IPA

- Gravity **12.7 BLG**
- ABV ---
- IBU **45**
- SRM **5.3**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **65 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

### Mash information

- Mash efficiency **81 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

### Steps

- Temp **67 C**, Time **70 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **70 min** at **67C**
- Sparge using **16.8 liter(s)** of **76C** water or to achieve **26.8 liter(s)** of wort

### Fermentables

| Type  | Name              | Amount      | Yield | EBC |
|-------|-------------------|-------------|-------|-----|
| Grain | Strzegom Pale Ale | 5 kg (100%) | 79 %  | 6   |

### Hops

| Use for   | Name       | Amount | Time     | Alpha acid |
|-----------|------------|--------|----------|------------|
| Boil      | Equinox    | 17 g   | 60 min   | 13.9 %     |
| Boil      | Centennial | 16 g   | 30 min   | 10 %       |
| Boil      | Equinox    | 15 g   | 10 min   | 13.9 %     |
| Whirlpool | Centennial | 20 g   | 0 min    | 10 %       |
| Whirlpool | Equinox    | 20 g   | 0 min    | 13.9 %     |
| Dry Hop   | Centennial | 18 g   | 4 day(s) | 10 %       |
| Dry Hop   | Equinox    | 25 g   | 4 day(s) | 13.9 %     |
| Dry Hop   | Citra      | 17 g   | 4 day(s) | 12 %       |

### Yeasts

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

### Extras

| Type   | Name | Amount | Use for | Time   |
|--------|------|--------|---------|--------|
| Fining | Mech | 4 g    | Boil    | 15 min |

|             |      |     |      |        |
|-------------|------|-----|------|--------|
| Water Agent | Gips | 3 g | Mash | 65 min |
|-------------|------|-----|------|--------|