

#4 Single hop Citra

- Gravity **14.1 BLG**
- ABV ---
- IBU **43**
- SRM **6.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **28.7 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale | 5.5 kg (100%) | 85 % | 7 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil | citra | 20 g | 70 min | 13.5 % |
| Boil | citra | 15 g | 20 min | 13.5 % |
| Boil | citra | 20 g | 5 min | 13.5 % |
| Boil | citra | 45 g | 0 min | 13.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------|------|------|--------|-------------|
| Brew Master Ale Yeast | Ale | Dry | 10 g | Brew Master |