

COLD IPA

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **60**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **28 liter(s)**
- Total mash volume **36 liter(s)**

Steps

- Temp **65 C**, Time **60 min**
- Temp **75 C**, Time **3 min**

Mash step by step

- Heat up **28 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **3 min** at **75C**
- Sparge using **11.5 liter(s)** of **76C** water or to achieve **31.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|--------------|-------|-----|
| Grain | Weyermann - Pilsner Malt | 7 kg (87.5%) | 81 % | 5 |
| Grain | Rice, Flaked | 1 kg (12.5%) | 70 % | 2 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------|--------|----------|------------|
| Boil | Chinook | 50 g | 30 min | 13 % |
| Boil | Ekuanot | 25 g | 5 min | 14 % |
| Boil | Simcoe | 25 g | 5 min | 13.2 % |
| Boil | Sabro | 25 g | 5 min | 15 % |
| Boil | Simcoe | 50 g | 1 min | 13.2 % |
| Boil | Sabro | 50 g | 1 min | 15 % |
| Dry Hop | Ekuanot | 25 g | 2 day(s) | 14 % |
| Dry Hop | Sabro | 25 g | 2 day(s) | 15 % |
| Dry Hop | Simcoe | 25 g | 2 day(s) | 13.2 % |
| Dry Hop | Cryo Ekuanot | 25 g | 2 day(s) | 20.8 % |
| Dry Hop | Cryo Sabro | 25 g | 2 day(s) | 20.5 % |
| Dry Hop | Cryo Simcoe | 25 g | 2 day(s) | 24.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------|-------|------|--------|------------|
| Saflager W 34/70 | Lager | Dry | 44 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------|--------|---------|--------|
| Water Agent | Gips Piwowarski | 4 g | Mash | 60 min |
| Fining | Mech Irlandzki | 5 g | Boil | 10 min |