

# No worries mate - Cascade single hop session IPA

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **30**
- SRM **3.8**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **23.6 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **30.6 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **58 C**, Time **10 min**
- Temp **66 C**, Time **60 min**
- Temp **71 C**, Time **40 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **64.3C**
- Add grains
- Keep mash **10 min** at **58C**
- Keep mash **60 min** at **66C**
- Keep mash **40 min** at **71C**
- Keep mash **10 min** at **78C**
- Sparge using **20.6 liter(s)** of **76C** water or to achieve **30.6 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount       | Yield | EBC |
|-------|----------------------|--------------|-------|-----|
| Grain | Pilzneński           | 1 kg (20%)   | 81 %  | 4   |
| Grain | Viking Pale Ale Zero | 3.5 kg (70%) | 79 %  | 6   |
| Grain | Pszeniczny           | 0.5 kg (10%) | 85 %  | 4   |

## Hops

| Use for | Name    | Amount | Time     | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil    | Cascade | 10 g   | 60 min   | 6 %        |
| Boil    | Cascade | 50 g   | 20 min   | 6 %        |
| Boil    | Cascade | 60 g   | 5 min    | 6 %        |
| Dry Hop | Cascade | 60 g   | 5 day(s) | 6 %        |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 10 g   | Fermentis  |

## Extras

| Type   | Name                      | Amount | Use for | Time   |
|--------|---------------------------|--------|---------|--------|
| Fining | Whirlfloc T (1szt<br>~2g) | 2 g    | Boil    | 10 min |

## Notes

- W planie wersje chmielone Topaz i Vic Secret  
*Jun 19, 2021, 1:05 PM*