

# BIAB - Equanot SMaSH 2020

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- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **59**
- SRM **5.4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **0 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **15.4 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **10.9 liter(s)**
- Total mash volume **14.1 liter(s)**

## Steps

- Temp **65 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **80 C**, Time **1 min**

## Mash step by step

- Heat up **10.9 liter(s)** of strike water to **71.6C**
- Add grains
- Keep mash **30 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **80C**
- Sparge using **7.7 liter(s)** of **76C** water or to achieve **15.4 liter(s)** of wort

## Fermentables

| Type  | Name                     | Amount        | Yield | EBC |
|-------|--------------------------|---------------|-------|-----|
| Grain | Viking Malt - Pale Ale   | 3 kg (93.8%)  | 80 %  | 7   |
| Grain | Weyermann - Zakwaszający | 0.2 kg (6.3%) | 80 %  | 5   |

## Hops

| Use for | Name   | Amount | Time     | Alpha acid |
|---------|--|--------|----------|------------|
| Boil    | Equanot (2020 - USA)                             | 10 g   | 60 min   | 14.9 %     |
| Boil    | Equanot (2020 - USA)                             | 25 g   | 15 min   | 14.9 %     |
| Boil    | Equanot (2020 - USA) - Hopstand 80-70°C (20 min) | 40 g   | 0 min    | 14.9 %     |
| Dry Hop | Equanot (2020 - USA)                             | 25 g   | 7 day(s) | 14.9 %     |

## Yeasts

| Name                       | Type | Form | Amount | Laboratory |
|----------------------------|------|------|--------|------------|
| Gozdawa - Pure Ale Yeast 7 | Ale  | Dry  | 11.5 g | Gozdawa    |

## Extras

| Type   | Name        | Amount | Use for | Time  |
|--------|-------------|--------|---------|-------|
| Fining | Whirlfloc T | 1 g    | Boil    | 1 min |