

# Peated Stout

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **39**
- SRM **39.6**
- Style **American Stout**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **23.4 liter(s)**
- Total mash volume **30.1 liter(s)**

## Steps

- Temp **52 C**, Time **15 min**
- Temp **62 C**, Time **75 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **23.4 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **75 min** at **62C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **9.8 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

## Fermentables

| Type  | Name                   | Amount         | Yield | EBC |
|-------|------------------------|----------------|-------|-----|
| Grain | Viking Wędzony torfem  | 4 kg (59.7%)   | 81 %  | 7   |
| Grain | Simpsons - Maris Otter | 1 kg (14.9%)   | 81 %  | 6   |
| Grain | Słód owsiany Fawcett   | 0.5 kg (7.5%)  | 61 %  | 5   |
| Grain | Jęczmień palony        | 0.5 kg (7.5%)  | 55 %  | 985 |
| Grain | Czekoladowy            | 0.35 kg (5.2%) | 60 %  | 788 |
| Grain | Simpsons - Coffee Malt | 0.35 kg (5.2%) | 74 %  | 296 |

## Hops

| Use for | Name       | Amount | Time   | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil    | Challenger | 35 g   | 60 min | 7 %        |
| Boil    | Challenger | 20 g   | 15 min | 7 %        |
| Boil    | Challenger | 25 g   | 10 min | 7 %        |

## Yeasts

| <b>Name</b>                                    | <b>Type</b> | <b>Form</b> | <b>Amount</b> | <b>Laboratory</b> |
|--|-------------|-------------|---------------|-------------------|
| Mangrove Jack's<br>M42 New World<br>Strong Ale | Ale         | Dry         | 11 g          | Mangrove Jack's   |