

# Oatmeal Coconut Porter

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **17**
- SRM **29.2**
- Style **Robust Porter**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.2 liter(s)**
- Total mash volume **17.6 liter(s)**

## Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **13.2 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

## Fermentables

| Type  | Name                     | Amount         | Yield | EBC  |
|-------|--------------------------|----------------|-------|------|
| Grain | Simpsons - Maris Otter   | 3 kg (68.2%)   | 81 %  | 6    |
| Grain | Platki owsiane           | 0.5 kg (11.4%) | 85 %  | 3    |
| Grain | Caramunich® typ I        | 0.35 kg (8%)   | 73 %  | 80   |
| Grain | Fawcett - Pale Chocolate | 0.25 kg (5.7%) | 71 %  | 600  |
| Grain | Black (Patent) Malt      | 0.2 kg (4.5%)  | 55 %  | 985  |
| Grain | Carafa III               | 0.1 kg (2.3%)  | 70 %  | 1034 |

## Hops

| Use for | Name                   | Amount | Time   | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil    | Columbus/Tomahawk/Zeus | 10 g   | 40 min | 15.5 %     |

## Yeasts

| Name                      | Type | Form   | Amount  | Laboratory       |
|---------------------------|------|--------|---------|------------------|
| FM13 Irlandzkie Ciemności | Ale  | Liquid | 66.6 ml | Fermentum Mobile |

## Extras

| Type   | Name          | Amount | Use for   | Time     |
|--------|---------------|--------|-----------|----------|
| Flavor | prażony kokos | 400 g  | Secondary | 7 day(s) |