

# Coffe Milk Stout

- Gravity **19.3 BLG**
- ABV **8.4 %**
- IBU **22**
- SRM **54.7**
- Style **Sweet Stout**

## Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **65 min**
- Evaporation rate **5 %/h**
- Boil size **19.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.8 liter(s)**
- Total mash volume **22.9 liter(s)**

## Steps

- Temp **68 C**, Time **70 min**

## Mash step by step

- Heat up **17.8 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **70 min** at **68C**
- Sparge using **7 liter(s)** of **76C** water or to achieve **19.7 liter(s)** of wort

## Fermentables

| Type  | Name                                   | Amount        | Yield | EBC  |
|-------|--|---------------|-------|------|
| Grain | Weyermann pszeniczny czekoladowy       | 0.2 kg (3.9%) | 100 % | 1000 |
| Grain | Monachijski typ II 20-25 EBC Weyermann | 1 kg (19.6%)  | 100 % | 20   |
| Grain | Grodziski pszeniczny wędzony dębem     | 0.4 kg (7.8%) | 100 % | 3    |
| Grain | Płatki owsiane                         | 0.5 kg (9.8%) | 100 % | 3    |
| Grain | Viking Pale Ale malt                   | 2 kg (39.2%)  | 100 % | 5    |
| Grain | jęczmień prażony                       | 0.5 kg (9.8%) | 100 % | 900  |
| Grain | Chateau cafe                           | 0.5 kg (9.8%) | 100 % | 900  |

## Hops

| Use for | Name       | Amount | Time   | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil    | Challenger | 20 g   | 45 min | 9 %        |
| Boil    | Challenger | 10 g   | 25 min | 7 %        |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 11.5 g | Fermentis  |

## Extras

| Type  | Name    | Amount | Use for | Time   |
|-------|---------|--------|---------|--------|
| Spice | Wanilia | 1 g    | Boil    | 15 min |