

Coffee Milk Stout

- Gravity **14.3 BLG**
- ABV ---
- IBU **29**
- SRM **34.5**
- Style **Sweet Stout**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **23 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|----------------------------|--------------|-------|------|
| Grain | Weyermann - Pale Ale Malt | 2.5 kg (50%) | 85 % | 7 |
| Grain | Monachijski | 0.5 kg (10%) | 80 % | 16 |
| Grain | Strzegom Karmel 150 | 0.25 kg (5%) | 75 % | 150 |
| Grain | Strzegom Karmel 300 | 0.25 kg (5%) | 70 % | 299 |
| Grain | Strzegom Czekoladowy jasny | 0.15 kg (3%) | 68 % | 400 |
| Grain | Carafa II | 0.15 kg (3%) | 70 % | 812 |
| Grain | Carafa III | 0.2 kg (4%) | 70 % | 1034 |
| Grain | Abbey Castle | 0.25 kg (5%) | 80 % | 45 |
| Grain | Special W | 0.25 kg (5%) | 80 % | 300 |
| Adjunct | Płatki owsiane | 0.5 kg (10%) | --- % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 30 g | 60 min | 8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-------------|-----|-----|--------|--------|
| Safale S-04 | Ale | Dry | 11.5 g | Safale |
|-------------|-----|-----|--------|--------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|---------|--------|-----------|----------|
| Other | Laktoza | 500 g | Boil | 15 min |
| Flavor | Wanilia | 10 g | Secondary | 7 day(s) |
| Flavor | Kawa | 500 g | Secondary | 7 day(s) |