

# Coco Rum Vanilla Milk Stout

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **29**
- SRM **31.2**
- Style **Sweet Stout**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

## Steps

- Temp **68 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **45 min** at **68C**
- Keep mash **15 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount        | Yield  | EBC  |
|-------|---------------------------|---------------|--------|------|
| Grain | Viking Pale Ale malt      | 4 kg (61.5%)  | 80 %   | 5    |
| Grain | melano light              | 1 kg (15.4%)  | 75 %   | 40   |
| Grain | Castle Malting Cafe light | 0.5 kg (7.7%) | 75 %   | 250  |
| Grain | Carafa III                | 0.5 kg (7.7%) | 70 %   | 1034 |
| Sugar | Milk Sugar (Lactose)      | 0.5 kg (7.7%) | 76.1 % | 0    |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | Iunga              | 25 g   | 60 min | 11 %       |
| Boil    | East Kent Goldings | 25 g   | 10 min | 5.1 %      |

## Extras

| Type  | Name          | Amount | Use for   | Time     |
|-------|---------------|--------|-----------|----------|
| Spice | Vanilla       | 4 g    | Secondary | 7 day(s) |
| Spice | Kokos w rumie | 1200 g | Secondary | 7 day(s) |

## Notes

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

- Carafa na wygrzew + podrzewanie  
*Jan 5, 2019, 7:33 PM*