

# ORA ET LABORA

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- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **17**
- SRM **12.5**
- Style **Belgian Dubbel**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **33.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.6 liter(s)**
- Total mash volume **28.8 liter(s)**

## Steps

- Temp **64 C**, Time **75 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **21.6 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **75 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **18.7 liter(s)** of **76C** water or to achieve **33.1 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount         | Yield  | EBC |
|-------|-----------------------------|----------------|--------|-----|
| Grain | Pilzneński Weyermann        | 5 kg (66.7%)   | 81 %   | 4   |
| Grain | Pale Ale Weyermann          | 1.1 kg (14.7%) | 80 %   | 6   |
| Grain | Caramunich® typ I Weyermann | 0.6 kg (8%)    | 73 %   | 80  |
| Grain | Karmel 150 Viking Malt      | 0.5 kg (6.7%)  | 75 %   | 150 |
| Sugar | Candi Sugar, Amber          | 0.3 kg (4%)    | 78.3 % | 148 |

## Hops

| Use for | Name   | Amount | Time   | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil    | Promin | 30 g   | 70 min | 5.5 %      |
| Boil    | Promin | 20 g   | 10 min | 5.5 %      |

## Yeasts

| Name                     | Type | Form   | Amount | Laboratory       |
|--------------------------|------|--------|--------|------------------|
| FM27 Artefakty trapistów | Ale  | Liquid | 160 ml | Fermentum Mobile |

## Extras

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

| Type   | Name  | Amount | Use for   | Time      |
|--------|-------|--------|-----------|-----------|
| Flavor | Chips | 100 g  | Secondary | 10 day(s) |

### Notes

- (#14)  
*Apr 21, 2020, 9:35 PM*