

# Gose - Kontrakt 1

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **10**
- SRM **4.1**
- Style **Gueuze**

## Batch size

- Expected quantity of finished beer **60 liter(s)**
- Trub loss **5 %**
- Size with trub loss **63 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **75.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **43.8 liter(s)**
- Total mash volume **58.4 liter(s)**

## Steps

- Temp **45 C**, Time **10 min**
- Temp **52 C**, Time **30 min**
- Temp **67 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **43.8 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **10 min** at **45C**
- Keep mash **30 min** at **52C**
- Keep mash **30 min** at **67C**
- Keep mash **30 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **46.7 liter(s)** of **76C** water or to achieve **75.9 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pilsner malt  | 8 kg (54.8%)  | 82 %  | 4   |
| Grain | Viking Wheat Malt    | 5 kg (34.2%)  | 83 %  | 5   |
| Grain | Monachijski          | 0.8 kg (5.5%) | 80 %  | 16  |
| Grain | Weyermann - Carapils | 0.8 kg (5.5%) | 78 %  | 4   |

## Hops

| Use for | Name   | Amount | Time   | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil    | Magnum | 20 g   | 60 min | 13.5 %     |

## Yeasts

| Name    | Type | Form | Amount | Laboratory |
|---------|------|------|--------|------------|
| us - 05 | Ale  | Dry  | 50 g   | ---        |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |                |      |      |        |
|--------|----------------|------|------|--------|
| Flavor | kolędra        | 45 g | Boil | 10 min |
| Flavor | sól himalajska | 25 g | Boil | 10 min |