

# Witia

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- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **14**
- SRM **3.3**
- Style **Witbier**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **32.7 liter(s)**

## Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **19.3 liter(s)**

## Steps

- Temp **55 C**, Time **20 min**
- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **60C**
- Add grains
- Keep mash **20 min** at **55C**
- Keep mash **60 min** at **64C**
- Keep mash **10 min** at **76C**
- Sparge using **22 liter(s)** of **76C** water or to achieve **32.7 liter(s)** of wort

## Fermentables

| Type    | Name                        | Amount         | Yield | EBC |
|---------|-----------------------------|----------------|-------|-----|
| Grain   | Weyermann - Pilsner Malt    | 3.1 kg (55.4%) | 81 %  | 4   |
| Adjunct | Płatki pszeniczne           | 1 kg (17.9%)   | 60 %  | 3   |
| Adjunct | Płatki owsiane              | 0.3 kg (5.4%)  | 60 %  | 3   |
| Grain   | Weyermann pszeniczny jasny  | 1 kg (17.9%)   | 80 %  | 4   |
| Grain   | Weyermann - Acidulated Malt | 0.2 kg (3.6%)  | 80 %  | 6   |

## Hops

| Use for | Name                  | Amount | Time   | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil    | East Kent Goldings    | 25 g   | 60 min | 5 %        |
| Boil    | Saaz (Czech Republic) | 20 g   | 15 min | 4.3 %      |

## Yeasts

| Name             | Type | Form | Amount | Laboratory |
|------------------|------|------|--------|------------|
| Brewferm Blanche | Ale  | Dry  | 12 g   | ---        |

## Extras

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

| Type  | Name                         | Amount | Use for | Time  |
|-------|------------------------------|--------|---------|-------|
| Spice | kolendra                     | 10 g   | Boil    | 5 min |
| Spice | skórka gorz. pom.<br>curacao | 25 g   | Boil    | 5 min |