

A'la Witbier

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **15**
- SRM **3.5**
- Style **Witbier**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **28.2 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.4 liter(s)**
- Total mash volume **19.8 liter(s)**

Steps

- Temp **62 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **15.4 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **30 min** at **62C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **17.2 liter(s)** of **76C** water or to achieve **28.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------------------|---------------|-------|-----|
| Grain | Castle Malting - Pilzneński 6-rzędowy | 2 kg (45.5%) | 80 % | 5 |
| Grain | Pszeniczny | 2 kg (45.5%) | 85 % | 4 |
| Grain | Płatki owsiane | 0.4 kg (9.1%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | East Kent Goldings | 20 g | 60 min | 5.8 % |
| Boil | East Kent Goldings | 10 g | 5 min | 5.8 % |

Yeasts

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

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------|--------|---------|--------|
| Spice | kolendra | 10 g | Boil | 10 min |
| Flavor | curacao | 10 g | Boil | 10 min |

| | | | | |
|--------|-------------------------------|------|------|--------|
| Flavor | Skórka słodkiej pomarańczy | 15 g | Boil | 10 min |
|--------|-------------------------------|------|------|--------|