

#64 pierwszy pils w krakowie

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **26**
- SRM **3.7**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **20.4 liter(s)**

Steps

- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **15 min**

Mash step by step

- Heat up **15.3 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **50 min** at **64C**
- Keep mash **15 min** at **72C**
- Sparge using **15.1 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|-------------|-------|-----|
| Grain | Strzegom Pilzneński | 5 kg (98%) | 80 % | 4 |
| Grain | Bestmalz Carmel Pils | 0.1 kg (2%) | 75 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil | Saaz (Czech Republic) | 100 g | 17 min | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------------------|-------|------|--------|------------|
| fermentis safbrew 34/70 | Lager | Dry | 22 g | --- |