

Lagerek

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **47**
- SRM **4.7**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **3 %**
- Size with trub loss **25.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **6 %/h**
- Boil size **28.6 liter(s)**

Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **21 liter(s)**

Steps

- Temp **52 C**, Time **15 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **15 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **58.4C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **40 min** at **63C**
- Keep mash **15 min** at **72C**
- Sparge using **19.6 liter(s)** of **76C** water or to achieve **28.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Viking Pilsner malt | 5 kg (83.3%) | 82 % | 4 |
| Grain | Strzegom Karmel 30 | 0.5 kg (8.3%) | 75 % | 30 |
| Grain | Viking Wheat Malt | 0.5 kg (8.3%) | 83 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------|--------|--------|------------|
| Boil | Magnum | 35 g | 90 min | 10 % |
| Aroma (end of boil) | Barbe Rouge | 60 g | 10 min | 6.6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------|-------|------|--------|------------|
| Saflager W 34/70 | Lager | Dry | 23 g | Uwodnione |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------|--------|---------|--------|
| Fining | whirlfloc | 1 g | Boil | 15 min |