

Lager Weselny

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **19**
- SRM **3.7**
- Style **Standard American Lager**

Batch size

- Expected quantity of finished beer **80 liter(s)**
- Trub loss **5 %**
- Size with trub loss **84 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **101.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **60 liter(s)**
- Total mash volume **80 liter(s)**

Steps

- Temp **65 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **60 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **30 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **61.2 liter(s)** of **76C** water or to achieve **101.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---|--------------|-------|-----|
| Grain | Słód Pilsner® 2,5-4,5 EBC Weyermann | 20 kg (100%) | 80 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------|--------|--------|------------|
| Boil | Marynka | 50 g | 45 min | 10 % |
| Aroma (end of boil) | Amora Preta | 50 g | 10 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------|-------|--------|--------|------------------|
| FM30 Bohemska rapsodia | Lager | Liquid | 12 ml | Fermentum Mobile |