

Maibock

- Gravity **16.8 BLG**
- ABV **7.1 %**
- IBU **31**
- SRM **9.9**
- Style **Maibock/Helles Bock**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **19.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.6 liter(s)**
- Total mash volume **20.8 liter(s)**

Steps

- Temp **55 C**, Time **10 min**
- Temp **62 C**, Time **30 min**
- Temp **73 C**, Time **30 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **15.6 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **30 min** at **62C**
- Keep mash **30 min** at **73C**
- Keep mash **1 min** at **78C**
- Sparge using **9.5 liter(s)** of **76C** water or to achieve **19.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	1 kg (19.2%)	80 %	4
Grain	Strzegom Wiedeński	3 kg (57.7%)	79 %	10
Grain	Strzegom Monachijski typ I	1 kg (19.2%)	79 %	16
Grain	Strzegom Karmel 150	0.2 kg (3.8%)	75 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	22.5 g	60 min	10 %
Boil	Lublin (Lubelski)	15 g	10 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast 2308 Munich Lager	Lager	Slant	150 ml	Wyeast