

Marcowe

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **26**
- SRM **10.4**
- Style **Oktoberfest/Märzen**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **77 %**
- Liquor-to-grist ratio **3.17 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **26.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Monachijski typ I	3 kg (47.6%)	79 %	16
Grain	Viking Pale Ale malt	3 kg (47.6%)	80 %	5
Grain	Weyermann Caramunich 3	0.2 kg (3.2%)	76 %	150
Grain	Caraaroma	0.1 kg (1.6%)	78 %	400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	25 g	55 min	11 %
Aroma (end of boil)	Lublin (Lubelski)	25 g	5 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
S-23	Lager	Dry	11.5 g	---

Extras

Type	Name	Amount	Use for	Time
Finning	Mech irlandzki	3 g	Boil	0 min