

ampils

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **19**
- SRM **4.4**
- Style **German Pilsner (Pils)**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **27.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (66.7%)	81 %	4
Grain	Monachijski	1 kg (22.2%)	80 %	16
Grain	Weyermann - Carapils	0.5 kg (11.1%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	40 min	11.3 %
Boil	Chinook	15 g	10 min	11.3 %
Boil	Chinook	25 g	1 min	11.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Culture	50 g	Fermentis