

Strong Lager

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **11**
- SRM **4**
- Style **Vienna Lager**

Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **20.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.1 liter(s)**
- Total mash volume **17.5 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	4.28 kg (97.7%)	82 %	4
Grain	Viking Vienna Malt	0.1 kg (2.3%)	79 %	7

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	10 g	60 min	4.5 %
Boil	Tradition	7 g	40 min	5.5 %
Boil	Saaz (Czech Republic)	4 g	10 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	11 g	Fermentis