

helles #96

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **19**
- SRM **3.4**
- Style **Munich Helles**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.5 liter(s)**
- Total mash volume **10 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------|---------------|-------|-----|
| Grain | Pilzneński | 2.5 kg (100%) | 81 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------------------|--------|--------|------------|
| Boil | Hallertau Tradition polishhops | 50 g | 10 min | 5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------------|-------|-------|--------|------------|
| WLP800 - Pilsner Lager Yeast | Lager | Slant | 250 ml | White Labs |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------|--------|---------|-------|
| Fining | whirflock | 1 g | Boil | 5 min |