

niklas first marzen

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **27**
- SRM **6.9**
- Style **Oktoberfest/Märzen**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.3 liter(s)**
- Total mash volume **24.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|---------------|--------|-----|
| Grain | BESTMALZ - Best Pilsen | 5 kg (82%) | 80.5 % | 4 |
| Grain | Monachijski | 1 kg (16.4%) | 80 % | 16 |
| Grain | Caraaroma | 0.1 kg (1.6%) | 78 % | 400 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 50 g | 60 min | 6.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------|-------|-------|--------|------------|
| w30-70 | Lager | Slant | 200 ml | --- |