

Rauchmärzen

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **20**
- SRM **9.6**
- Style **Oktoberfest/Märzen**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.5 liter(s)**
- Total mash volume **19.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Słód wędzony bukiem | 2 kg (41.2%) | 80 % | 5 |
| Grain | Monachijski | 1.5 kg (30.9%) | 80 % | 16 |
| Grain | Wiedeński | 1 kg (20.6%) | 79 % | 10 |
| Grain | Caramunich III | 0.35 kg (7.2%) | 76 % | 150 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil | lunga | 18 g | 60 min | 9.6 % |