

catharina sour

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **7**
- SRM **3.9**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|--------------|-------|-----|
| Grain | Viking Pilsner malt | 2.5 kg (50%) | 82 % | 4 |
| Grain | Viking Wheat Malt | 2.3 kg (46%) | 83 % | 5 |
| Grain | Płatki pszeniczne | 0.2 kg (4%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Lublin (Lubelski) | 20 g | 30 min | 4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------------------|------|------|--------|------------|
| Lallemand - WildBrew Philly Sour | Ale | Dry | 11 g | Lallemand |