

# Berliner HibiSour 1

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **6**
- SRM **4.5**
- Style **Berliner Weisse**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **2 %**
- Size with trub loss **23.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **7 %/h**
- Boil size **26.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

## Steps

- Temp **67 C**, Time **50 min**
- Temp **78 C**, Time **20 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **50 min** at **67C**
- Keep mash **20 min** at **78C**
- Sparge using **11.9 liter(s)** of **76C** water or to achieve **26.9 liter(s)** of wort

## Fermentables

| Type  | Name                   | Amount        | Yield | EBC |
|-------|------------------------|---------------|-------|-----|
| Grain | Weyermann - Munich I   | 0.5 kg (8.3%) | 82 %  | 14  |
| Grain | Platki owsiane         | 0.5 kg (8.3%) | 85 %  | 3   |
| Grain | Simpsons Best Pale Ale | 3 kg (50%)    | 85 %  | 5   |
| Grain | IREKS Wheat Malt light | 2 kg (33.3%)  | 83 %  | 4   |

## Hops

| Use for   | Name                   | Amount | Time   | Alpha acid |
|-----------|------------------------|--------|--------|------------|
| Whirlpool | Zula                   | 25 g   | 10 min | 7 %        |
| Boil      | Columbus/Tomahawk/Zeus | 5 g    | 10 min | 15.7 %     |

## Yeasts

| Name            | Type | Form  | Amount | Laboratory |
|-----------------|------|-------|--------|------------|
| FM53 Voss kveik | Ale  | Slant | 50 ml  | ---        |

## Extras

| Type  | Name     | Amount | Use for | Time  |
|-------|----------|--------|---------|-------|
| Spice | hibiscus | 10 g   | Boil    | 5 min |

|       |          |      |           |          |
|-------|----------|------|-----------|----------|
| Spice | hibiscus | 10 g | Secondary | 3 day(s) |
|-------|----------|------|-----------|----------|