

# kwach

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- Gravity **9.5 BLG**
- ABV **3.7 %**
- IBU **8**
- SRM **3.3**
- Style **Berliner Weisse**

## Batch size

- Expected quantity of finished beer **22.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.6 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **29.8 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.8 liter(s) / kg**
- Mash size **15.2 liter(s)**
- Total mash volume **19.2 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **15.2 liter(s)** of strike water to **73.2C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **18.6 liter(s)** of **76C** water or to achieve **29.8 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount     | Yield | EBC |
|-------|----------------------------|------------|-------|-----|
| Grain | Weyermann pszeniczny jasny | 2 kg (50%) | 80 %  | 6   |
| Grain | Strzegom Pilzneński        | 2 kg (50%) | 80 %  | 4   |

## Hops

| Use for | Name     | Amount | Time   | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil    | Palisade | 10 g   | 60 min | 7.5 %      |

## Yeasts

| Name         | Type | Form  | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale  | Slant | 150 ml | Fermentis  |