

# Los Kwasio

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- Gravity **9.8 BLG**
- ABV **3.8 %**
- IBU ---
- SRM **3.2**
- Style **Berliner Weisse**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **7 %/h**
- Boil size **28 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18 liter(s)**

## Steps

- Temp **62 C**, Time **55 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **14 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **55 min** at **62C**
- Keep mash **5 min** at **78C**
- Sparge using **18 liter(s)** of **76C** water or to achieve **28 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (75%)	81 %	5
Grain	Pszeniczny	1 kg (25%)	85 %	4

## Yeasts

Name	Type	Form	Amount	Laboratory
Vivomixx	Ale	Dry	2 g	Lactobacillus
Safale US-05	Ale	Slant	150 ml	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Fining	Whirfloc	1 g	Boil	15 min

## Notes

- Woda z biedry 3  
*Feb 18, 2020, 10:28 PM*