

# Łajtowo

- Gravity **17.5 BLG**
- ABV ---
- IBU **32**
- SRM **4.5**
- Style **White IPA**

## Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

## Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **30 liter(s)**
- Total mash volume **40 liter(s)**

## Steps

- Temp **65 C**, Time **30 min**
- Temp **72 C**, Time **45 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **30 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **30 min** at **65C**
- Keep mash **45 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **18 liter(s)** of **76C** water or to achieve **38 liter(s)** of wort

## Fermentables

| Type  | Name                     | Amount     | Yield | EBC |
|-------|--------------------------|------------|-------|-----|
| Grain | Weyermann - Pilsner Malt | 5 kg (50%) | 81 %  | 5   |
| Grain | Płatki pszeniczne        | 4 kg (40%) | 60 %  | 3   |
| Grain | Płatki owsiane           | 1 kg (10%) | 60 %  | 3   |

## Hops

| Use for | Name           | Amount | Time     | Alpha acid |
|---------|----------------|--------|----------|------------|
| Boil    | lunga          | 20 g   | 60 min   | 11 %       |
| Boil    | BRU-1          | 100 g  | 5 min    | 15.7 %     |
| Dry Hop | BRU-1          | 100 g  | 5 day(s) | 15.7 %     |
| Dry Hop | Nelson Sauvign | 100 g  | 5 day(s) | 11 %       |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-33 | Ale  | Dry  | 27 g   | Fermentis  |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|       |          |      |      |       |
|-------|----------|------|------|-------|
| Spice | Kolendra | 10 g | Boil | 5 min |
| Spice | Curacao  | 30 g | Boil | 5 min |