

# Polskie Jasne- TEST worka BIAB ABIS

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **35**
- SRM **4.1**

## Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **10 %**
- Size with trub loss **17.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.4 liter(s)**

## Mash information

- Mash efficiency **60 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **11.4 liter(s)** of **76C** water or to achieve **21.4 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount      | Yield | EBC |
|-------|---------------------|-------------|-------|-----|
| Grain | Viking Pilsner malt | 5 kg (100%) | 82 %  | 4   |

## Hops

| Use for  | Name              | Amount | Time     | Alpha acid |
|--|-------------------|--------|----------|------------|
| Boil   | Marynka           | 30 g   | 70 min   | 8 %        |
| cytrusy, grejpfrut, lukrecja, anyż, trawiasty, kwiatowy, ziołowy, żywiczny, korzenny, owocowy. |                   |        |          |            |
| Boil   | Lublin (Lubelski) | 10 g   | 10 min   | 2.6 %      |
| Aroma (end of boil)  | Lublin (Lubelski) | 20 g   | 5 min    | 2.6 %      |
| herbata z cytryną, curry, koperek, jałowiec, ziemisty, kwiatowe, ziołowy.                      |                   |        |          |            |
| Dry Hop  | ABIS              | 100 g  | 3 day(s) | 5 %        |
| Winogrona, bardzo podobny do amarillo  |                   |        |          |            |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 11.5 g | Safale     |

## Extras

| Type   | Name      | Amount | Use for | Time  |
|--------|-----------|--------|---------|-------|
| Fining | whirlfloc | 1.25 g | Boil    | 5 min |

## Notes

- zeszło 13 do 2  
*Aug 22, 2020, 3:48 PM*