

Bursztyn Ale Po mojemu

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **28**
- SRM **13.4**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **62 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **30 min** at **62C**
- Keep mash **30 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **16.7 liter(s)** of **76C** water or to achieve **25.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------------|--|----------------|-------|-----|
| Grain | Karmelowy Jasny 30EBC | 1.5 kg (30.6%) | 75 % | 30 |
| Grain | Viking Pilsner malt | 3 kg (61.2%) | 82 % | 4 |
| Dry Extract | WES bursztynowy suchy ekstrakt słodowy | 0.4 kg (8.2%) | 100 % | 300 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|----------|------------|
| Boil | Marynka | 20 g | 60 min | 10 % |
| Boil | Lublin (Lubelski) | 30 g | 15 min | 4 % |
| Dry Hop | Lublin (Lubelski) | 10 g | 2 day(s) | 4 % |

Yeasts

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

Extras

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

| | | | | |
|--------|----------------|-----|------|--------|
| Fining | mech irlandzki | 5 g | Boil | 15 min |
|--------|----------------|-----|------|--------|