

szycha

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **46**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **86.8 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **21 liter(s)**

Steps

- Temp **64 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **72.8C**
- Add grains
- Keep mash **45 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **20 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|--------------|-------|-----|
| Grain | Weyermann® Pale Ale | 5 kg (83.3%) | 79 % | 6 |
| Grain | Weyermann® CARAPILS® | 1 kg (16.7%) | 75 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|--------|--------|----------|------------|
| Boil | PŁ-101 | 50 g | 60 min | 6 % |
| Whirlpool | PŁ-101 | 200 g | 10 min | 6 % |
| Dry Hop | PŁ-101 | 170 g | 3 day(s) | 6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| SafAle US-05 | Ale | Dry | 11.5 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|------------|--------|---------|--------|
| Fining | Whirlflock | 4 g | Boil | 10 min |

| | | | | |
|-------------|-----------------|-------|-----------|----------|
| Water Agent | Gips | 5 g | Mash | --- |
| Water Agent | Epsom | 7 g | Mash | --- |
| Water Agent | Chlorek wapnia | 0.5 g | Mash | --- |
| Water Agent | Chlorek magnezu | 1 g | Mash | --- |
| Fining | Żelatyna | 10 g | Secondary | 2 day(s) |

Notes

- Ca-104.1/Mg-27.1/Na-17/Cl-45.7/SO4-161.9/HCO3-nie wiem/

Fermentacja:

17°C - 1 dzień

17-22°C - 5 dni

22°C - 2 dni

Chmienie na zimno:

15°C - 3 dni

°C najniższa jak się da- leżakowanie- ok. 10 dni

Oct 3, 2024, 12:40 AM