

Jasmine Tea APA

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **32**
- SRM **7.2**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20.5 liter(s)**
- Trub loss **6 %**
- Size with trub loss **21.7 liter(s)**
- Boil time **65 min**
- Evaporation rate **13 %/h**
- Boil size **29.7 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **25.2 liter(s)**

Steps

- Temp **58 C**, Time **0 min**
- Temp **65 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **18.9 liter(s)** of strike water to **64.3C**
- Add grains
- Keep mash **0 min** at **58C**
- Keep mash **40 min** at **65C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **17.1 liter(s)** of **76C** water or to achieve **29.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale | 5.5 kg (87.3%) | 85 % | 6.5 |
| Grain | Słód Caramunich Typ II Weyermann | 0.2 kg (3.2%) | 85 % | 120 |
| Grain | Weyermann - zakwaszający | 0.1 kg (1.6%) | 85 % | 5 |
| Grain | Weyermann - Carahell | 0.5 kg (7.9%) | 85 % | 26 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil | lunga | 10 g | 50 min | 11 % |
| Boil | Perle | 40 g | 35 min | 7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------------------|------|--------|--------|------------|
| Wyeast 1450 Denny's Favorite 50 | Ale | Liquid | 125 ml | Wyeast |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|------------------------------------|--------|-----------|----------|
| Water Agent | gips piwowarski | 5 g | Mash | 84 min |
| Fining | mech irlandzki | 5 g | Boil | 15 min |
| Other | pożywka dla drożdży | 15 g | Boil | 15 min |
| Spice | kwiaty jaśminu | 15 g | Boil | 10 min |
| Other | Biersol Brewferm | 8 g | Boil | 0 min |
| Spice | kwiaty jaśminu | 10 g | Secondary | 1 day(s) |
| Flavor | Herbata Royal Jasmine Chung Hao | 100 g | Secondary | 1 day(s) |