

# Tea American Pale Ale

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **42**
- SRM **6.8**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.9 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

## Steps

- Temp **64 C**, Time **30 min**
- Temp **71 C**, Time **30 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **15.9 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **71C**
- Keep mash **1 min** at **78C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **24.9 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount        | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 4 kg (75.5%)  | 80 %  | 4   |
| Grain | Strzegom Pale Ale   | 0.5 kg (9.4%) | 79 %  | 6   |
| Grain | Carabelge           | 0.5 kg (9.4%) | 80 %  | 30  |
| Grain | Caramunich® typ I   | 0.3 kg (5.7%) | 73 %  | 80  |

## Hops

| Use for | Name       | Amount | Time     | Alpha acid |
|---------|------------|--------|----------|------------|
| Boil    | Galena     | 30 g   | 60 min   | 12 %       |
| Boil    | Centennial | 20 g   | 5 min    | 10.5 %     |
| Dry Hop | Amarillo   | 20 g   | 5 day(s) | 9.5 %      |
| Dry Hop | Mosaic     | 50 g   | 5 day(s) | 10 %       |

## Yeasts

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

## Extras

| Type   | Name                     | Amount | Use for   | Time     |
|--------|--------------------------|--------|-----------|----------|
| Flavor | Herbata Earl Grey liście | 80 g   | Secondary | 5 day(s) |
| Fining | Whirlfloc                | 0.5 g  | Boil      | 5 min    |
| Other  | Laktoza                  | 50 g   | Boil      | 15 min   |

## Notes

- [https://www.wiki.piwo.org/Tea\\_American\\_Pale\\_Ale,\\_Marcin\\_Kamiński\\_\(cml\)](https://www.wiki.piwo.org/Tea_American_Pale_Ale,_Marcin_Kamiński_(cml))  
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