

# Earl Grey APA

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **45**
- SRM **6.6**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 4.5 kg (84.9%) | 80 %  | 4   |
| 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                | Amarillo   | 40 g   | 60 min    | 9.5 %      |
| Aroma (end of boil) | Centennial | 20 g   | 5 min     | 10.5 %     |
| Dry Hop             | Citra      | 50 g   | 14 day(s) | 12 %       |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 10 g   | Safale     |

## Extras

| Type | Name                     | Amount | Use for   | Time      |
|------|--------------------------|--------|-----------|-----------|
| Herb | herbata Earl Grey w 1,5C | 80 g   | Secondary | 14 day(s) |

## Notes

- [https://wiki.piwo.org/Tea\\_American\\_Pale\\_Ale,\\_Marcin\\_Kami%C5%84ski\\_\(cml\)](https://wiki.piwo.org/Tea_American_Pale_Ale,_Marcin_Kami%C5%84ski_(cml))  
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