

#113 DDH APA

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **51**
- SRM **5.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **10 %**
- Size with trub loss **28.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33.9 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **26.3 liter(s)**
- Total mash volume **33.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|----------------|-------|-----|
| Grain | Briess - Pale Ale Malt | 7.3 kg (97.3%) | 80 % | 7 |
| Grain | płatki jęczmienne | 0.2 kg (2.7%) | 60 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------------|--------|----------|------------|
| Boil | lunga | 50 g | 30 min | 11 % |
| Boil | Citra | 50 g | 10 min | 12 % |
| Dry Hop | Nelson Sauvín | 100 g | 4 day(s) | 11 % |
| Dry Hop | Mosaic | 100 g | 4 day(s) | 10 % |
| Dry Hop | Citra | 50 g | 4 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------------|------|--------|--------|------------------|
| FM54 Gorączka kalifornijska | Ale | Liquid | 200 ml | Fermentum Mobile |

Notes

- Fermentacja
Start 18st (9dni) - 21 (7dni)

Cicha:
15st - dwa dni
2st - dwa dni

powstało dużo strat po cichej, trzeba bardzo dobrze odfiltrować lub zmniejszyć ilość chmielu.

Piwo zajęło 4 miejsce na XIII Częstochowskim konkursie piw domowych. 09.2022
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