

## #21 APA - reaktywacja

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **45**
- SRM **8.9**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **21.8 liter(s)**
- Trub loss **6 %**
- Size with trub loss **24.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **24.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Ekstrakt Pale Ale	3.4 kg (100%)	80 %	30

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga granulát	20 g	60 min	11 %
Boil	Chinook szyszka	15 g	30 min	10.9 %
Aroma (end of boil)	Chinook szyszka	15 g	10 min	10.9 %
Dry Hop	Chinook szyszka	20 g	4 day(s)	10.9 %
Dry Hop	Mosaic szyszka	50 g	4 day(s)	13.4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM54 Gorączka kalifornijska	Ale	Liquid	30 ml	Fermentum Mobile

### Notes

- Ewentualnie Oktawia na zimno.  
*Oct 13, 2018, 10:55 AM*