

## #29 APA 3

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **44**
- SRM **11.1**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **21.7 liter(s)**
- Trub loss **7 %**
- Size with trub loss **24.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **24.5 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	3.4 kg (85%)	70.5 %	30
Liquid Extract	WES ekstrakt pszeniczny jasny	0.6 kg (15%)	70.5 %	60

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook USA	20 g	60 min	10.9 %
Boil	Chinook USA	15 g	30 min	10.9 %
Aroma (end of boil)	Chinook USA	15 g	10 min	10.9 %
Dry Hop	Chinook USA	20 g	5 day(s)	10.9 %
Dry Hop	Mosaic USA granulat	50 g	5 day(s)	10.4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Liquid	30 ml	Fermentum Mobile

### Notes

- Połowa puszki 1.2 kg siodu pszenicznego. Reszta na IPE.  
*Nov 26, 2018, 1:19 PM*