

## #29 APA 3

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **44**
- SRM **11.5**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **18.9 liter(s)**
- Trub loss **12.5 %**
- Size with trub loss **22.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **23 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	17 g	60 min	10.9 %
Boil	Chinook USA	17 g	30 min	10.9 %
Aroma (end of boil)	Chinook USA	16 g	10 min	10.9 %
Dry Hop	Chinook USA	50 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

- Burzliwa zeżarła 12.5% warki (!).  
*Jan 20, 2019, 2:18 PM*