

## #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*