

Extra APA

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **30**
- SRM **5.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **15 min**
- Evaporation rate **10 %/h**
- Boil size **28.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|-------------------------------------|----------------|-------|-----|
| Liquid Extract | WES ekstrakt słodowy jasny | 3.4 kg (66.7%) | 80 % | --- |
| Liquid Extract | Bruntal ekstrakt słodowy pszeniczny | 1.7 kg (33.3%) | 80 % | 30 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 15 g | 15 min | 15.5 % |
| Boil | Columbus/Tomahawk/Zeus | 20 g | 10 min | 15.5 % |
| Boil | Citra | 10 g | 10 min | 12 % |
| Boil | Citra | 30 g | 5 min | 12 % |
| Aroma (end of boil) | Citra | 35 g | 0 min | 12 % |
| Aroma (end of boil) | Ahtanum | 15 g | 0 min | 5 % |
| Aroma (end of boil) | falconer's flight | 15 g | 0 min | 10 % |
| Whirlpool | falconer's flight | 15 g | 0 min | 10 % |
| Whirlpool | Sorachi Ace | 15 g | 0 min | 10 % |
| Whirlpool | Columbus/Tomahawk/Zeus | 15 g | 0 min | 15.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |

Notes

- 13 blg 23 litry, 3 blg przy butelkowaniu.
May 4, 2018, 5:34 PM