

APA

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **24**
- SRM **9.9**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|----------------------------|----------------|-------|-----|
| Liquid Extract | WES ekstrakt słodowy jasny | 2.5 kg (71.4%) | 80 % | 45 |
| Sugar | cukier | 1 kg (28.6%) | 100 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|--------|------------|
| Boil | Marynka | 20 g | 60 min | 9 % |
| Aroma (end of boil) | Cascade PL | 20 g | 10 min | 5.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------|------|--------|--------|------------------|
| FM53 Voss kveik | Ale | Liquid | 20 ml | Fermentum Mobile |