

APA 12 BLG - z ekstraktów

- Gravity **14.5 BLG**
- ABV ---
- IBU **57**
- SRM **9.3**
- 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 | 4 kg (100%) | 80 % | 15 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 10 g | 60 min | 15.5 % |
| Boil | Columbus/Tomahawk/Zeus | 10 g | 30 min | 15.5 % |
| Boil | Mosaic | 25 g | 10 min | 10 % |
| Boil | Chinook | 30 g | 10 min | 13 % |
| Dry Hop | Mosaic | 25 g | --- | 10 % |
| Dry Hop | Citra | 30 g | --- | 13.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|---------|--------|
| Fining | Mech Irlandzki | 5 g | Boil | 15 min |