

APAcze tylko... (Warka 1)

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **35**
- SRM **12.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **4 %**
- Size with trub loss **22.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **8 %/h**
- Boil size **26 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|-------------------------------------|----------------|-------|-----|
| Liquid Extract | Bruntal Pale Ale | 3.4 kg (77.3%) | 80 % | 35 |
| Liquid Extract | Bruntal ekstrakt słodowy pszeniczny | 1 kg (22.7%) | 80 % | 38 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil | Simcoe | 20 g | 20 min | 11.7 % |
| Boil | Cascade PL | 30 g | 10 min | 5.2 % |
| Boil | El Dorado | 30 g | 6 min | 13.8 % |
| Boil | Citra | 20 g | 2 min | 12.9 % |
| Aroma (end of boil) | Citra | 30 g | 1 min | 12.9 % |
| Aroma (end of boil) | Cascade PL | 20 g | 1 min | 5.2 % |
| Aroma (end of boil) | El Dorado | 20 g | 1 min | 13.8 % |
| Dry Hop | Simcoe | 20 g | 5 day(s) | 11.7 % |
| Dry Hop | El Dorado | 30 g | 5 day(s) | 13.8 % |
| Dry Hop | Cascade PL | 30 g | 5 day(s) | 5.2 % |
| Dry Hop | Citra | 20 g | 5 day(s) | 12.9 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 12 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|-------|----------------------|--------|----------|------|
| Other | Glukoza krystaliczna | 165 g | Bottling | --- |