

APAcze tylko... (Warka 2)

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **33**
- SRM **11**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **3 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **6 %/h**
- Boil size **28.5 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|-------------------------------------|---------------|-------|-----|
| Liquid Extract | Bruntal Pale Ale | 3.4 kg (80%) | 80 % | 35 |
| Liquid Extract | Bruntal ekstrakt słodowy pszeniczny | 0.85 kg (20%) | 80 % | 38 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------|--------|----------|------------|
| Boil | Simcoe | 15 g | 20 min | 14 % |
| Boil | Cascade | 30 g | 10 min | 8.3 % |
| Boil | El Dorado | 30 g | 6 min | 11 % |
| Boil | Citra | 20 g | 2 min | 12.8 % |
| Aroma (end of boil) | Citra | 30 g | 1 min | 12.8 % |
| Aroma (end of boil) | Cascade | 20 g | 1 min | 8.3 % |
| Aroma (end of boil) | El Dorado | 20 g | 1 min | 11 % |
| Dry Hop | Simcoe | 25 g | 5 day(s) | 14 % |
| Dry Hop | El Dorado | 30 g | 5 day(s) | 11 % |
| Dry Hop | Cascade | 30 g | 5 day(s) | 8.3 % |
| Dry Hop | Citra | 20 g | 5 day(s) | 12.8 % |

Yeasts

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

Extras

| Type | Name | Amount | Use for | Time |
|-------|----------------------|--------|----------|------|
| Other | Glukoza krystaliczna | 180 g | Bottling | --- |