

SMASH APA CITRA

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **39**
- SRM **4.2**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.9 liter(s)**
- Total mash volume **10.5 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2.5 kg (95.1%) | 80 % | 5 |
| Grain | Płatki owsiane | 0.13 kg (4.9%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------|--------|--------|------------|
| Boil | Citra | 8 g | 60 min | 13 % |
| Boil | Citra | 6 g | 20 min | 13 % |
| Boil | Citra | 6 g | 10 min | 13 % |
| Aroma (end of boil) | Citra | 30 g | 0 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11.5 g | Fermentis |