

# Milkshake IPA podstawka bez dodatków

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **63**
- SRM **10**
- Style **American IPA**

## 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 | Bruntal Pale Ale                    | 1.7 kg (42.5%) | 80 %  | 35  |
| Liquid Extract | Bruntal ekstrakt słodowy pszeniczny | 1.7 kg (42.5%) | 80 %  | 30  |
| Grain          | Płatki owsiane                      | 0.3 kg (7.5%)  | 85 %  | 3   |
| Grain          | Płatki pszeniczne                   | 0.3 kg (7.5%)  | 85 %  | 3   |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Warrior | 15 g   | 60 min | 15.5 %     |
| Boil    | Warrior | 15 g   | 50 min | 15.5 %     |
| Boil    | Warrior | 10 g   | 40 min | 15.5 %     |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 12 g   | Fermentis  |

## Extras

| Type   | Name                      | Amount | Use for   | Time     |
|--------|---------------------------|--------|-----------|----------|
| Flavor | laktoza                   | 500 g  | Boil      | 15 min   |
| Flavor | laska wanilii             | 18 g   | Secondary | 7 day(s) |
| Flavor | Nr 1 przecier truskawkowy | 1500 g | Secondary | 7 day(s) |
| Flavor | Nr 2 przecier morela      | 1500 g | Secondary | 7 day(s) |
| Flavor | Nr 3 przecier mango       | 1500 g | Secondary | 7 day(s) |
| Flavor | Nr 4 przecier marakuja    | 1500 g | Secondary | 7 day(s) |
| Flavor | Nr 5 przecier brzoskwinia | 1500 g | Secondary | 7 day(s) |
| Flavor | Nr 6 przecier ananas      | 1500 g | Secondary | 7 day(s) |