

Hazy Disco edycja kangurza 2

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **28**
- SRM **7.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.1 liter(s)**

Mash information

- Mash efficiency **69 %**
- Liquor-to-grist ratio **4.5 liter(s) / kg**
- Mash size **28.8 liter(s)**
- Total mash volume **35.2 liter(s)**

Steps

- Temp **68 C**, Time **70 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **28.8 liter(s)** of strike water to **73.3C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **5 min** at **76C**
- Sparge using **2.7 liter(s)** of **76C** water or to achieve **25.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 4.5 kg (70.3%) | 82 % | 15 |
| Grain | Płatki pszeniczne | 0.5 kg (7.8%) | 60 % | 3 |
| Grain | Pszeniczny | 1 kg (15.6%) | 85 % | 3 |
| Grain | Płatki owsiane | 0.4 kg (6.3%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------|--------|----------|------------|
| First Wort | lunga | 10 g | 70 min | 11 % |
| Aroma (end of boil) | Enigma (AUS) | 20 g | 5 min | 17.2 % |
| Whirlpool | Enigma (AUS) | 20 g | 5 min | 17.2 % |
| Whirlpool | Galaxy | 30 g | 5 min | 15 % |
| Dry Hop | Enigma (AUS) | 50 g | 5 day(s) | 17.2 % |
| Dry Hop | Galaxy | 70 g | 5 day(s) | 15 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------------------|------|------|--------|------------|
| Lallemand - LalBrew Verdant IPA | Ale | Dry | 22 g | Lallemand |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------------------|--------|-----------|----------|
| Fining | NaCl | 4 g | Mash | 70 min |
| Other | Witamina C | 3 g | Secondary | 5 day(s) |
| Fining | Whirfloc 1/4 tabletki | 1 g | Boil | 0 min |