

Zombie Dust Clone

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **72**
- SRM **7.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22.7 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **20.8 liter(s)**
- Total mash volume **27.3 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **20.8 liter(s)** of strike water to **75.5C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **15.6 liter(s)** of **76C** water or to achieve **29.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	5.32 kg (81.8%)	80 %	4
Grain	Strzegom Monachijski typ II	0.52 kg (8%)	79 %	22
Grain	Strzegom Wiedeński	0.22 kg (3.4%)	79 %	10
Grain	Strzegom Karmel 150	0.22 kg (3.4%)	75 %	150
Grain	Viking melanoidynowy	0.22 kg (3.4%)	75 %	60

Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Citra	21.25 g	60 min	12.9 %
Boil	Citra	35.45 g	15 min	12.9 %
Boil	Citra	35.45 g	10 min	12.9 %
Boil	Citra	35.45 g	5 min	12.9 %
Boil	Citra	35.45 g	1 min	12.9 %
Dry Hop	Citra	85.05 g	7 day(s)	12.9 %

Yeasts

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