

Zombie Dust Clone

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **73**
- SRM **7.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **27.5 liter(s)**
- Total mash volume **36.1 liter(s)**

Steps

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

Mash step by step

- Heat up **27.5 liter(s)** of strike water to **75.5C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **19.1 liter(s)** of **76C** water or to achieve **38 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	7.03 kg (81.8%)	80 %	4
Grain	Monachijski typ II 20-25 EBC Weyermann	0.69 kg (8%)	80 %	20
Grain	Weyermann - Carapils	0.29 kg (3.4%)	78 %	4
Grain	Weyermann Caramunich 3	0.29 kg (3.4%)	76 %	150
Grain	Weyermann - Melanoiden Malt	0.29 kg (3.4%)	81 %	53

Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Citra	28.08 g	60 min	12.9 %
Boil	Citra	46.85 g	15 min	12.9 %
Boil	Citra	46.85 g	10 min	12.9 %
Boil	Citra	46.85 g	5 min	12.9 %
Boil	Citra	46.85 g	1 min	12.9 %
Dry Hop	Citra	112.4 g	7 day(s)	12.9 %

Yeasts

Name	Type	Form	Amount	Laboratory
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Safale S-04	Ale	Dry	15.86 g	Safale
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