

Antypody

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **43**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **12.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.8 liter(s)**

Steps

- Temp **65 C**, Time **60 min**

Mash step by step

- Heat up **9.6 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **6.4 liter(s)** of **76C** water or to achieve **12.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	2 kg (62.5%)	81 %	5
Grain	Weyermann pszeniczny jasny	1 kg (31.3%)	80 %	4
Grain	Płatki owsiane	0.2 kg (6.3%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Ella (AUS)	15 g	60 min	14.6 %
Dry Hop	Wai-iti	30 g	3 day(s)	1.4 %
Aroma (end of boil)	Taiheke	10 g	0 min	6.7 %
Dry Hop	Taiheke	20 g	3 day(s)	6.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	10.5 g	Fermentis