

# BIAB - Enigma SMaSH 2020

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **70**
- SRM **5**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **0 %**
- Size with trub loss **12 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **17 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **10.9 liter(s)**
- Total mash volume **14.1 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **80 C**, Time **1 min**

## Mash step by step

- Heat up **10.9 liter(s)** of strike water to **75C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **1 min** at **80C**
- Sparge using **9.3 liter(s)** of **76C** water or to achieve **17 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Malt - Pale Ale	3 kg (93.8%)	80 %	7
Grain	Weyermann - Zakwaszający	0.2 kg (6.3%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Enigma (2020 - AUS)	10 g	60 min	18.5 %
Boil	Enigma (2020 - AUS)	25 g	15 min	18.5 %
Boil	Enigma (2020 - AUS) - Hopstand 80-70°C (20 min)	40 g	0 min	18.5 %
Dry Hop	Enigma (2020 - AUS)	25 g	7 day(s)	18.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Gozdawa - Pure Ale Yeast 7	Ale	Dry	11.5 g	Gozdawa

## Extras

Type	Name	Amount	Use for	Time
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Fining	Whirlfloc T	1 g	Boil	1 min
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