

SESION ipa 2021

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **39**
- SRM **3.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4.5 liter(s) / kg**
- Mash size **21.6 liter(s)**
- Total mash volume **26.4 liter(s)**

Steps

- Temp **68 C**, Time **70 min**
- Temp **75 C**, Time **5 min**

Mash step by step

- Heat up **21.6 liter(s)** of strike water to **73.3C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **5 min** at **75C**
- Sparge using **6 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4.5 kg (93.8%)	81 %	4
Grain	Weyermann - Carapils	0.3 kg (6.3%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	12 g	15 min	14.1 %
Whirlpool	Simcoe	92 g	10 min	14.1 %
Dry Hop	Mosiac	100 g	3 day(s)	17.2 %
Dry Hop	Sabro	100 g	3 day(s)	15 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM54 Gorączka kalifornijska	Ale	Liquid	1000 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Water Agent	NaCl	4 g	Mash	90 min

Other	E338	3 g	Bottling	---
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