

Sabro Session IPA

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **39**
- SRM **5.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

Steps

- Temp **63 C**, Time **50 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **10.5 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **50 min** at **63C**
- Keep mash **20 min** at **72C**
- Sparge using **12 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	3 kg (85.7%)	85 %	7
Grain	Abbey Malt Weyermann	0.25 kg (7.1%)	75 %	45
Grain	Wheat, Flaked	0.25 kg (7.1%)	77 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sabro	23 g	30 min	15 %
Whirlpool	Sabro	77 g	0 min	15 %
Dry Hop	Sabro	100 g	2 day(s)	15 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Slant	100 ml	Fermentum Mobile