

Sorachi Ace

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **49**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

Steps

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

Mash step by step

- Heat up **18.6 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **65 min** at **65C**
- Sparge using **10.5 liter(s)** of **76C** water or to achieve **23.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.5 kg (66%)	80 %	5
Grain	Pszeniczny viking	1 kg (18.9%)	85 %	4
Grain	Płatki owsiane	0.8 kg (15.1%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sorachi Ace	25 g	35 min	12.8 %
Boil	Sorachi Ace	25 g	17 min	12.8 %
Boil	Sorachi Ace	10 g	5 min	12.8 %
Whirlpool	Sorachi Ace	30 g	0 min	12.8 %
Dry Hop	Sorachi Ace	100 g	4 day(s)	12.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Flavor	skórka pomarańczy	20 g	Boil	15 min