

WC IPA

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **107**
- SRM **3.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **65 C**, Time **70 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **70 min** at **65C**
- Keep mash **5 min** at **78C**
- Sparge using **14.5 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Heidelberg	6 kg (100%)	80.5 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	70 g	60 min	13 %
Whirlpool	Cascade	100 g	20 min	6 %
Dry Hop	Simcoe	50 g	3 day(s)	13.2 %
Dry Hop	Cascade	50 g	3 day(s)	6 %
Dry Hop	Centennial	50 g	3 day(s)	10.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
WLP001 - California Ale Yeast	Ale	Liquid	140 ml	White Labs