

WCiPA

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **41**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **2 %**
- Size with trub loss **20.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **23.5 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

Steps

- Temp **62 C**, Time **90 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **17.4 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **90 min** at **62C**
- Keep mash **5 min** at **78C**
- Sparge using **11.9 liter(s)** of **76C** water or to achieve **23.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3.8 kg (65.5%)	80 %	4
Grain	Briess - Pale Ale Malt	2 kg (34.5%)	80 %	7

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	55 min	13 %
Boil	Mosaic	30 g	10 min	10 %
Boil	Citra	30 g	10 min	12 %
Dry Hop	Mosaic	45 g	7 day(s)	10 %
Dry Hop	Citra	30 g	7 day(s)	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
notingham lallemand	Ale	Dry	11 g	---