

Nelson

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **18**
- SRM **7.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **20.4 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **15.3 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **15.1 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Castle Pale Ale	4 kg (78.4%)	80 %	8
Grain	Karmelowy Czerwony	0.7 kg (13.7%)	75 %	59
Grain	Płatki owsiane	0.4 kg (7.8%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Centennial	25 g	20 min	10.5 %
Dry Hop	Nelson Sauvín	50 g	4 day(s)	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
Hornindal	Ale	Slant	50 ml	Sadowa

Notes

- Blg 11°
May 14, 2022, 6:41 AM