

American IPA

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **36**
- SRM **4.3**
- 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 **17.3 liter(s)**
- Total mash volume **23 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **17.3 liter(s)** of strike water to **73.6C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **1 min** at **76C**
- Sparge using **15 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Malt - Pale Ale	5 kg (87%)	80 %	5
Grain	Weyerman - Carapils	0.75 kg (13%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Taurus DE	20 g	60 min	15.8 %
Aroma (end of boil)	Centenial USA	20 g	5 min	10.5 %
Whirlpool	Willamette USA	30 g	1 min	5.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11.5 g	2022