

## #17 Colorado Session IPA

- Gravity **10 BLG**
- ABV **4 %**
- IBU **39**
- SRM **3.2**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **2 %**
- Size with trub loss **20.6 liter(s)**
- Boil time **65 min**
- Evaporation rate **5 %/h**
- Boil size **24 liter(s)**

### Mash information

- Mash efficiency **87 %**
- Liquor-to-grist ratio **4.4 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **18.4 liter(s)**

### Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **72.3C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **0 min** at **76C**
- Sparge using **12.4 liter(s)** of **76C** water or to achieve **24 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.1 kg (91.2%)	80 %	5
Grain	CaraBody Viking Malt	0.2 kg (5.9%)	75 %	8
Grain	Cara-Pils/Dextrine	0.1 kg (2.9%)	72 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	15 g	60 min	13 %
Boil	Chinook	15 g	10 min	13 %
Boil	Ekuanot	10 g	10 min	14 %
Aroma (end of boil)	Ekuanot	20 g	0 min	14 %
Aroma (end of boil)	Simcoe	30 g	0 min	13.2 %
Dry Hop	Simcoe	30 g	5 day(s)	13.2 %
Dry Hop	Ekuanot	30 g	5 day(s)	14 %

### Yeasts

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