

# Tango Mango Pale Ale

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- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **62**
- SRM **4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**
- Temp **100 C**, Time **60 min**

## Mash step by step

- Heat up **24 liter(s)** of strike water to **71.8C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Keep mash **60 min** at **100C**
- Sparge using **13.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	6 kg (100%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	50 g	45 min	10 %
Boil	Marynka	50 g	15 min	10 %
Boil	Tango Mango Tea	50 g	5 min	1 %
Dry Hop	Tango Mango Tea	100 g	10 day(s)	1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Slant	150 ml	---