

## #7\_20\_Kveik\_MilkshakeIPA\_Mango

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **43**
- SRM **3.9**
- Style **Fruit Beer**

### Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **15 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.2 liter(s)**

### Mash information

- Mash efficiency **73 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **19.9 liter(s)**
- Total mash volume **25.6 liter(s)**

### Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **2 min**

### Mash step by step

- Heat up **19.9 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **20 min** at **72C**
- Keep mash **2 min** at **78C**
- Sparge using **12 liter(s)** of **76C** water or to achieve **26.2 liter(s)** of wort

### Fermentables

| Type  | Name                 | Amount         | Yield  | EBC |
|-------|----------------------|----------------|--------|-----|
| Grain | Briess - Pilsen Malt | 4 kg (64.3%)   | 80.5 % | 2   |
| Grain | Płatki pszeniczne    | 1 kg (16.1%)   | 85 %   | 3   |
| Grain | Słód owsiany Fawcett | 0.35 kg (5.6%) | 61 %   | 5   |
| Grain | Carahell             | 0.35 kg (5.6%) | 77 %   | 26  |
| Sugar | Milk Sugar (Lactose) | 0.52 kg (8.4%) | 76.1 % | 0   |

### Hops

| Use for             | Name  | Amount | Time   | Alpha acid |
|---------------------|-------|--------|--------|------------|
| First Wort          | Iunga | 17 g   | 70 min | 11 %       |
| Aroma (end of boil) | Citra | 50 g   | 10 min | 12.8 %     |

### Yeasts

| Name | Type | Form | Amount | Laboratory      |
|------|------|------|--------|-----------------|
| M12  | Ale  | Dry  | 10 g   | Mangrove Jack's |

### Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |             |        |           |           |
|--------|-------------|--------|-----------|-----------|
| Flavor | Pulpa Mango | 1400 g | Secondary | 15 day(s) |
|--------|-------------|--------|-----------|-----------|